

Horus IDL C++ Binding Reference
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Horus IDL C++ Binding Reference

The **HxCorba** (p. 4) module contains all IDL interfaces related to Horus C++ objects.

Entry points HxCorba

- **HxCorba::Constructor** (p. 41) (and all factories)
- **HxCorba::GlobalOps** (p. 52), **HxCorba::UserOps** (p. 174)

Data representations

- **HxCorba::Blob2d** (p. 30)
 - **HxCorba::ContourCode** (p. 21), **HxCorba::ContourCodeSeq** (p. 21), **HxCorba::Blob2d-Set** (p. 21)
 - **HxCorba::BSplineCurve** (p. 33), **HxCorba::SampledBSplineCurve** (p. 149),
 - **HxCorba::BSplineFactory** (p. 36), **HxCorba::BSplineType** (p. 21)
 - **HxCorba::Histogram** (p. 84)
 - **HxCorba::HistogramData** (p. 74), **HxCorba::HistogramFactory** (p. 78), **HxCorba::HistogramList** (p. 21)
 - **HxCorba::HistogramMode** (p. 229), **HxCorba::HistogramModeSeq** (p. 21)
 - **HxCorba::ImageRep** (p. 101)
 - **HxCorba::ImageData** (p. 88), **HxCorba::ImageFactory** (p. 91), **HxCorba::ImageList** (p. 21)
 - **HxCorba::ImageException** (p. 226), **HxCorba::ImageSignature** (p. 22), **HxCorba::ResultPrecision** (p. 23), **HxCorba::PixelT** (p. 22)
 - **HxCorba::ImageSeq** (p. 111)
 - **HxCorba::ImageSeqDisplayer** (p. 105), **HxCorba::ImageSeqFactory** (p. 108)
 - **HxCorba::NJet** (p. 123)
 - **HxCorba::NJetFactory** (p. 120)
 - **HxCorba::Polyline2d** (p. 133)
 - **HxCorba::Polyline2dData** (p. 130), **HxCorba::PolylineFactory** (p. 135)
 - **HxCorba::PointR2** (p. 230), **HxCorba::PointR2Seq** (p. 21)
 - **HxCorba::SF** (p. 156)
 - **HxCorba::SFFactory** (p. 153)
 - **HxCorba::VxSegment** (p. 203), **HxCorba::VxSegmentation** (p. 197)
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- **HxCorba::VxSegmentationFactory** (p. 194), **HxCorba::VxSegmentSeq** (p. 21)
- **HxCorba::VxTimeSpan** (p. 239), **HxCorba::VxTimeSpanSeq** (p. 21)
- **HxCorba::VxStructure** (p. 214)
 - **HxCorba::VxStructureFactory** (p. 211)
 - **HxCorba::VxStructureEval** (p. 238)

Basic things

- **HxCorba::ColorModel** (p. 22)
- **HxCorba::GeoIntType** (p. 23)
- **HxCorba::GeoTransType** (p. 23)
- **HxCorba::Matrix** (p. 118), **HxCorba::MatrixFactory** (p. 113)
- **HxCorba::Pix Value** (p. 243)
- **HxCorba::Point** (p. 231)
- **HxCorba::Sizes** (p. 233)
- **HxCorba::TagList** (p. 164), **HxCorba::TagListFactory** (p. 161)

Corba types

- **HxCorba::StringSeq** (p. 21), **HxCorba::OctetSeq** (p. 21), **HxCorba::ShortSeq** (p. 21), **HxCorba::LongSeq** (p. 21), **HxCorba::FloatSeq** (p. 21), **HxCorba::DoubleSeq** (p. 21), **HxCorba::DoubleSeqSeq** (p. 21)

RGB data transfer

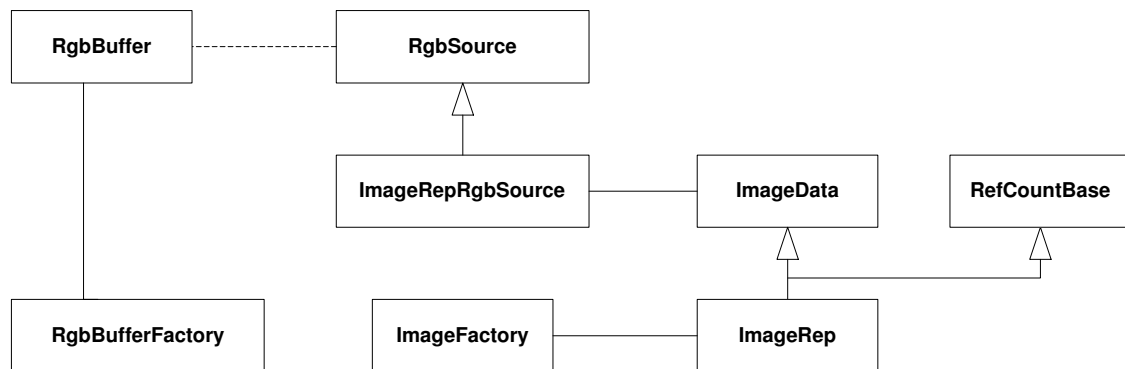


Figure 1: RGB data transfer

- **HxCorba::RgbSeq** (p. 21), **HxCorba::RgbBuffer** (p. 145), **HxCorba::RgbBufferFactory** (p. 143)
- **HxCorba::RgbSource** (p. 147), **HxCorba::ImageRepRgbSource** (p. 97)

Video

- **HxCorba::TVCapture** (p. 168)
- **HxCorba::VideoPlayer** (p. 179), **HxCorba::VideoPlayerFactory** (p. 177)
- **HxCorba::VideoWriter** (p. 183), **HxCorba::VideoWriterFactory** (p. 181)

Database

- [HxCorba::Database](#) (p. 47)
- [HxCorba::DatabaseSession](#) (p. 44)
 - [HxCorba::DatabaseException](#) (p. 224), [HxCorba::SegmentQueryResult](#) (p. 232), [HxCorba::SegmentQueryResultSeq](#) (p. 21)
- [HxCorba::StoreSession](#) (p. 158)
 - [HxCorba::VxSegmentBuilder](#) (p. 200), [HxCorba::VxSegmentationBuilder](#) (p. 191)
- [HxCorba::UpdateSession](#) (p. 171)
 - [HxCorba::VxMutableSegment](#) (p. 188), [HxCorba::VxMutableSegmentation](#) (p. 186)
- [HxCorba::XMLSession](#) (p. 220)
 - [HxCorba::DBDataTag](#) (p. 22), [HxCorba::DBData](#) (p. 240), [HxCorba::DBDataTagSeq](#) (p. 21), [HxCorba::DBDataRow](#) (p. 21), [HxCorba::DBDataRowSeq](#) (p. 21)
- [HxCorba::HistogramSession](#) (p. 80)
- [HxCorba::VxSimilaritySession](#) (p. 208)
 - [HxCorba::VxSimilarityBuilder](#) (p. 206)
- [HxCorba::FullSession](#) (p. 49)

Misc

- [HxCorba::App](#) (p. 27)
- [HxCorba::Configure](#) (p. 38), [HxCorba::ObjectUsage](#) (p. 127)
- [HxCorba::RefCountBase](#) (p. 138)
- [HxCorba::Registry](#) (p. 140)
- [HxCorba::Test](#) (p. 166)
- [HxCorba::WebImageFactory](#) (p. 218)

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Chapter 1

Namespaces

1.1 HxCORBA Namespace Reference

Compounds

- class HxCORBA::App
 - class HxCORBA::OBUnique_ContourCodeSeq
 - struct HxCORBA::OBInfo_ContourCodeSeq
 - class HxCORBA::Blob2d
 - class HxCORBA::OBUnique_Blob2dSet
 - struct HxCORBA::OBInfo_Blob2dSet
 - class HxCORBA::BSplineCurve
 - class HxCORBA::SampledBSplineCurve
 - class HxCORBA::BSplineFactory
 - class HxCORBA::ObjectUsage
 - class HxCORBA::Configure
 - class HxCORBA::Constructor
 - struct HxCORBA::DatabaseException
 - struct HxCORBA::SegmentQueryResult
 - class HxCORBA::OBUnique_SegmentQueryResultSeq
 - struct HxCORBA::OBInfo_SegmentQueryResultSeq
 - class HxCORBA::DatabaseSession
 - class HxCORBA::Database
 - class HxCORBA::VxSegmentBuilder
 - class HxCORBA::VxSegmentationBuilder
 - class HxCORBA::StoreSession
 - class HxCORBA::VxMutableSegment
 - class HxCORBA::VxMutableSegmentation
 - class HxCORBA::UpdateSession
 - struct HxCORBA::DBData
 - class HxCORBA::OBUnique_DBDataTagSeq
 - struct HxCORBA::OBInfo_DBDataTagSeq
 - class HxCORBA::OBUnique_DBDataRow
 - struct HxCORBA::OBInfo_DBDataRow
 - class HxCORBA::OBUnique_DBDataRowSeq
-

- struct HxCorba::OBInfo_DBDataRowSeq
- class HxCorba::XMLSession
- class HxCorba::HistogramSession
- class HxCorba::VxSimilarityBuilder
- class HxCorba::VxSimilaritySession
- class HxCorba::FullSession
- class HxCorba::GlobalOps
- class HxCorba::OBUnique_BinDataSequence
- struct HxCorba::OBInfo_BinDataSequence
- class HxCorba::HistogramData
- struct HxCorba::HistogramMode
- class HxCorba::OBUnique_HistogramModeSeq
- struct HxCorba::OBInfo_HistogramModeSeq
- class HxCorba::Histogram
- class HxCorba::HistogramFactory
- class HxCorba::OBUnique_HistogramList
- struct HxCorba::OBInfo_HistogramList
- struct HxCorba::Sizes
- struct HxCorba::Point
- class HxCorba::ImageRepRgbSource
- class HxCorba::ImageData
- struct HxCorba::ImageException
- class HxCorba::OBUnique_ImageList
- struct HxCorba::OBInfo_ImageList
- class HxCorba::ImageRep
- class HxCorba::ImageFactory
- class HxCorba::ImageSeqDisplayer
- class HxCorba::ImageSeq
- class HxCorba::ImageSeqFactory
- class HxCorba::Matrix
- class HxCorba::MatrixFactory
- class HxCorba::NJet
- class HxCorba::NJetFactory
- struct HxCorba::Vec2I
- struct HxCorba::Vec2D
- struct HxCorba::Vec3I
- struct HxCorba::Vec3D
- struct HxCorba::Complex
- struct HxCorba::PixValue
- struct HxCorba::PointR2
- class HxCorba::OBUnique_PointR2Seq
- struct HxCorba::OBInfo_PointR2Seq
- class HxCorba::Polyline2dData
- class HxCorba::Polyline2d
- class HxCorba::PolylineFactory
- class HxCorba::RefCountBase
- class HxCorba::OBUnique_NameList
- struct HxCorba::OBInfo_NameList
- class HxCorba::Registry
- class HxCorba::OBUnique_RgbSeq

- **struct HxCorba::OBInfo_RgbSeq**
- **class HxCorba::RgbBuffer**
- **class HxCorba::RgbBufferFactory**
- **class HxCorba::RgbSource**
- **class HxCorba::SF**
- **class HxCorba::SFFactory**
- **class HxCorba::TagList**
- **class HxCorba::TagListFactory**
- **class HxCorba::Test**
- **class HxCorba::TVCapture**
- **class HxCorba::OBUnique_StringSeq**
- **struct HxCorba::OBInfo_StringSeq**
- **class HxCorba::OBUnique_OctetSeq**
- **struct HxCorba::OBInfo_OctetSeq**
- **class HxCorba::OBUnique_ShortSeq**
- **struct HxCorba::OBInfo_ShortSeq**
- **class HxCorba::OBUnique_LongSeq**
- **struct HxCorba::OBInfo_LongSeq**
- **class HxCorba::OBUnique_FloatSeq**
- **struct HxCorba::OBInfo_FloatSeq**
- **class HxCorba::OBUnique_DoubleSeq**
- **struct HxCorba::OBInfo_DoubleSeq**
- **class HxCorba::OBUnique_DoubleSeqSeq**
- **struct HxCorba::OBInfo_DoubleSeqSeq**
- **struct HxCorba::MyMessage**
- **struct HxCorba::Color**
- **struct HxCorba::AapFeatures**
- **class HxCorba::UserOps**
- **class HxCorba::VideoPlayer**
- **class HxCorba::VideoPlayerFactory**
- **class HxCorba::VideoWriter**
- **class HxCorba::VideoWriterFactory**
- **struct HxCorba::VxTimeSpan**
- **class HxCorba::OBUnique_VxTimeSpanSeq**
- **struct HxCorba::OBInfo_VxTimeSpanSeq**
- **class HxCorba::VxSegment**
- **class HxCorba::OBUnique_VxSegmentSeq**
- **struct HxCorba::OBInfo_VxSegmentSeq**
- **class HxCorba::VxSegmentation**
- **class HxCorba::VxSegmentationFactory**
- **struct HxCorba::VxStructureEval**
- **class HxCorba::VxStructure**
- **class HxCorba::VxStructureFactory**
- **class HxCorba::WebImageFactory**

Typedefs

- typedef App * App_ptr
- typedef App * AppRef
- typedef OB::ObjVar< App > App_var
- typedef OB::ObjOut< App > App_out
- typedef Blob2d * Blob2d_ptr
- typedef Blob2d * Blob2dRef
- typedef OB::ObjVar< Blob2d > Blob2d_var
- typedef OB::ObjOut< Blob2d > Blob2d_out
- typedef CORBA::Long ContourCode
- typedef CORBA::Long_out ContourCode_out
- typedef OB::FixSeq< CORBA::Long, OBUUnique_ContourCodeSeq > ContourCodeSeq
- typedef OB::SeqVar< OB::FixSeq< CORBA::Long, OBUUnique_ContourCodeSeq > > ContourCodeSeq_var
- typedef OB::SeqOut< OB::FixSeq< CORBA::Long, OBUUnique_ContourCodeSeq > > ContourCodeSeq_out
- typedef OB::ObjSeq< Blob2d, OBUUnique_Blob2dSet > Blob2dSet
- typedef OB::SeqVar< OB::ObjSeq< Blob2d, OBUUnique_Blob2dSet > > Blob2dSet_var
- typedef OB::SeqOut< OB::ObjSeq< Blob2d, OBUUnique_Blob2dSet > > Blob2dSet_out
- typedef BSplineCurve * BSplineCurve_ptr
- typedef BSplineCurve * BSplineCurveRef
- typedef SampledBSPlineCurve * SampledBSPlineCurve_ptr
- typedef SampledBSPlineCurve * SampledBSPlineCurveRef
- typedef BSplineFactory * BSplineFactory_ptr
- typedef BSplineFactory * BSplineFactoryRef
- typedef OB::ObjVar< BSplineCurve > BSplineCurve_var
- typedef OB::ObjOut< BSplineCurve > BSplineCurve_out
- typedef OB::ObjVar< SampledBSPlineCurve > SampledBSPlineCurve_var
- typedef OB::ObjOut< SampledBSPlineCurve > SampledBSPlineCurve_out
- typedef OB::ObjVar< BSplineFactory > BSplineFactory_var
- typedef OB::ObjOut< BSplineFactory > BSplineFactory_out
- typedef BSplineType & BSplineType_out
- typedef ObjectUsage * ObjectUsage_ptr
- typedef ObjectUsage * ObjectUsageRef
- typedef Configure * Configure_ptr
- typedef Configure * ConfigureRef
- typedef OB::ObjVar< ObjectUsage > ObjectUsage_var
- typedef OB::ObjOut< ObjectUsage > ObjectUsage_out
- typedef OB::ObjVar< Configure > Configure_var
- typedef OB::ObjOut< Configure > Configure_out
- typedef Constructor * Constructor_ptr
- typedef Constructor * ConstructorRef
- typedef OB::ObjVar< Constructor > Constructor_var
- typedef OB::ObjOut< Constructor > Constructor_out
- typedef DatabaseSession * DatabaseSession_ptr
- typedef DatabaseSession * DatabaseSessionRef
- typedef Database * Database_ptr
- typedef Database * DatabaseRef
- typedef OB::ObjVar< DatabaseSession > DatabaseSession_var

- typedef OB::ObjOut< DatabaseSession > DatabaseSession_out
- typedef OB::ObjVar< Database > Database_var
- typedef OB::ObjOut< Database > Database_out
- typedef OB::VarVar< SegmentQueryResult > SegmentQueryResult_var
- typedef OB::VarOut< SegmentQueryResult > SegmentQueryResult_out
- typedef OB::VarSeq< SegmentQueryResult, OBUUnique_SegmentQueryResultSeq > SegmentQueryResultSeq
- typedef OB::SeqVar< OB::VarSeq< SegmentQueryResult, OBUUnique_SegmentQueryResultSeq > > SegmentQueryResultSeq_var
- typedef OB::SeqOut< OB::VarSeq< SegmentQueryResult, OBUUnique_SegmentQueryResultSeq > > SegmentQueryResultSeq_out
- typedef VxSegmentBuilder * VxSegmentBuilder_ptr
- typedef VxSegmentBuilder * VxSegmentBuilderRef
- typedef VxSegmentationBuilder * VxSegmentationBuilder_ptr
- typedef VxSegmentationBuilder * VxSegmentationBuilderRef
- typedef StoreSession * StoreSession_ptr
- typedef StoreSession * StoreSessionRef
- typedef VxMutableSegment * VxMutableSegment_ptr
- typedef VxMutableSegment * VxMutableSegmentRef
- typedef VxMutableSegmentation * VxMutableSegmentation_ptr
- typedef VxMutableSegmentation * VxMutableSegmentationRef
- typedef UpdateSession * UpdateSession_ptr
- typedef UpdateSession * UpdateSessionRef
- typedef XMLSession * XMLSession_ptr
- typedef XMLSession * XMLSessionRef
- typedef HistogramSession * HistogramSession_ptr
- typedef HistogramSession * HistogramSessionRef
- typedef VxSimilarityBuilder * VxSimilarityBuilder_ptr
- typedef VxSimilarityBuilder * VxSimilarityBuilderRef
- typedef VxSimilaritySession * VxSimilaritySession_ptr
- typedef VxSimilaritySession * VxSimilaritySessionRef
- typedef FullSession * FullSession_ptr
- typedef FullSession * FullSessionRef
- typedef OB::ObjVar< VxSegmentBuilder > VxSegmentBuilder_var
- typedef OB::ObjOut< VxSegmentBuilder > VxSegmentBuilder_out
- typedef OB::ObjVar< VxSegmentationBuilder > VxSegmentationBuilder_var
- typedef OB::ObjOut< VxSegmentationBuilder > VxSegmentationBuilder_out
- typedef OB::ObjVar< StoreSession > StoreSession_var
- typedef OB::ObjOut< StoreSession > StoreSession_out
- typedef OB::ObjVar< VxMutableSegment > VxMutableSegment_var
- typedef OB::ObjOut< VxMutableSegment > VxMutableSegment_out
- typedef OB::ObjVar< VxMutableSegmentation > VxMutableSegmentation_var
- typedef OB::ObjOut< VxMutableSegmentation > VxMutableSegmentation_out
- typedef OB::ObjVar< UpdateSession > UpdateSession_var
- typedef OB::ObjOut< UpdateSession > UpdateSession_out
- typedef OB::ObjVar< XMLSession > XMLSession_var
- typedef OB::ObjOut< XMLSession > XMLSession_out
- typedef OB::ObjVar< HistogramSession > HistogramSession_var
- typedef OB::ObjOut< HistogramSession > HistogramSession_out
- typedef OB::ObjVar< VxSimilarityBuilder > VxSimilarityBuilder_var

- typedef OB::ObjOut< VxSimilarityBuilder > VxSimilarityBuilder_out
- typedef OB::ObjVar< VxSimilaritySession > VxSimilaritySession_var
- typedef OB::ObjOut< VxSimilaritySession > VxSimilaritySession_out
- typedef OB::ObjVar< FullSession > FullSession_var
- typedef OB::ObjOut< FullSession > FullSession_out
- typedef DBDataTag & DBDataTag_out
- typedef OB::VarVar< DBData > DBData_var
- typedef OB::VarOut< DBData > DBData_out
- typedef OB::FixSeq< DBDataTag, OBUnique_DBDataTagSeq > DBDataTagSeq
- typedef OB::SeqVar< OB::FixSeq< DBDataTag, OBUnique_DBDataTagSeq > > DBDataTagSeq_var
- typedef OB::SeqOut< OB::FixSeq< DBDataTag, OBUnique_DBDataTagSeq > > DBDataTagSeq_out
- typedef OB::VarSeq< DBData, OBUnique_DBDataRow > DBDataRow
- typedef OB::SeqVar< OB::VarSeq< DBData, OBUnique_DBDataRow > > DBDataRow_var
- typedef OB::SeqOut< OB::VarSeq< DBData, OBUnique_DBDataRow > > DBDataRow_out
- typedef OB::VarSeq< OB::VarSeq< DBData, OBUnique_DBDataRow >, OBUnique_DBDataRowSeq > DBDataRowSeq
- typedef OB::SeqVar< OB::VarSeq< OB::VarSeq< DBData, OBUnique_DBDataRow >, OBUnique_DBDataRowSeq > > DBDataRowSeq_var
- typedef OB::SeqOut< OB::VarSeq< OB::VarSeq< DBData, OBUnique_DBDataRow >, OBUnique_DBDataRowSeq > > DBDataRowSeq_out
- typedef GlobalOps * GlobalOps_ptr
- typedef GlobalOps * GlobalOpsRef
- typedef OB::ObjVar< GlobalOps > GlobalOps_var
- typedef OB::ObjOut< GlobalOps > GlobalOps_out
- typedef ColorModel & ColorModel_out
- typedef HistogramData * HistogramData_ptr
- typedef HistogramData * HistogramDataRef
- typedef Histogram * Histogram_ptr
- typedef Histogram * HistogramRef
- typedef HistogramFactory * HistogramFactory_ptr
- typedef HistogramFactory * HistogramFactoryRef
- typedef OB::ObjVar< HistogramData > HistogramData_var
- typedef OB::ObjOut< HistogramData > HistogramData_out
- typedef OB::ObjVar< Histogram > Histogram_var
- typedef OB::ObjOut< Histogram > Histogram_out
- typedef OB::ObjVar< HistogramFactory > HistogramFactory_var
- typedef OB::ObjOut< HistogramFactory > HistogramFactory_out
- typedef OB::FixSeq< CORBA::Double, OBUnique_BinDataSequence > BinDataSequence
- typedef OB::SeqVar< OB::FixSeq< CORBA::Double, OBUnique_BinDataSequence > > BinDataSequence_var
- typedef OB::SeqOut< OB::FixSeq< CORBA::Double, OBUnique_BinDataSequence > > BinDataSequence_out
- typedef OB::FixVar< HistogramMode > HistogramMode_var
- typedef HistogramMode & HistogramMode_out
- typedef OB::FixSeq< HistogramMode, OBUnique_HistogramModeSeq > HistogramModeSeq
- typedef OB::SeqVar< OB::FixSeq< HistogramMode, OBUnique_HistogramModeSeq > > HistogramModeSeq_var

- typedef OB::SeqOut< OB::FixSeq< HistogramMode, OBUnique_HistogramModeSeq > > HistogramModeSeq_out
- typedef OB::ObjSeq< Histogram, OBUnique_HistogramList > HistogramList
- typedef OB::SeqVar< OB::ObjSeq< Histogram, OBUnique_HistogramList > > HistogramList_var
- typedef OB::SeqOut< OB::ObjSeq< Histogram, OBUnique_HistogramList > > HistogramList_out
- typedef ImageRepRgbSource * ImageRepRgbSource_ptr
- typedef ImageRepRgbSource * ImageRepRgbSourceRef
- typedef ImageData * ImageData_ptr
- typedef ImageData * ImageDataRef
- typedef ImageRep * ImageRep_ptr
- typedef ImageRep * ImageRepRef
- typedef ImageFactory * ImageFactory_ptr
- typedef ImageFactory * ImageFactoryRef
- typedef OB::ObjVar< ImageRepRgbSource > ImageRepRgbSource_var
- typedef OB::ObjOut< ImageRepRgbSource > ImageRepRgbSource_out
- typedef OB::ObjVar< ImageData > ImageData_var
- typedef OB::ObjOut< ImageData > ImageData_out
- typedef OB::ObjVar< ImageRep > ImageRep_var
- typedef OB::ObjOut< ImageRep > ImageRep_out
- typedef OB::ObjVar< ImageFactory > ImageFactory_var
- typedef OB::ObjOut< ImageFactory > ImageFactory_out
- typedef PixelT & PixelT_out
- typedef ImageSignature & ImageSignature_out
- typedef OB::FixVar< Sizes > Sizes_var
- typedef Sizes & Sizes_out
- typedef OB::FixVar< Point > Point_var
- typedef Point & Point_out
- typedef GeoIntType & GeoIntType_out
- typedef GeoTransType & GeoTransType_out
- typedef ResultPrecision & ResultPrecision_out
- typedef OB::ObjSeq< ImageRep, OBUnique_ImageList > ImageList
- typedef OB::SeqVar< OB::ObjSeq< ImageRep, OBUnique_ImageList > > ImageList_var
- typedef OB::SeqOut< OB::ObjSeq< ImageRep, OBUnique_ImageList > > ImageList_out
- typedef ImageSeqDisplayer * ImageSeqDisplayer_ptr
- typedef ImageSeqDisplayer * ImageSeqDisplayerRef
- typedef ImageSeq * ImageSeq_ptr
- typedef ImageSeq * ImageSeqRef
- typedef ImageSeqFactory * ImageSeqFactory_ptr
- typedef ImageSeqFactory * ImageSeqFactoryRef
- typedef OB::ObjVar< ImageSeqDisplayer > ImageSeqDisplayer_var
- typedef OB::ObjOut< ImageSeqDisplayer > ImageSeqDisplayer_out
- typedef OB::ObjVar< ImageSeq > ImageSeq_var
- typedef OB::ObjOut< ImageSeq > ImageSeq_out
- typedef OB::ObjVar< ImageSeqFactory > ImageSeqFactory_var
- typedef OB::ObjOut< ImageSeqFactory > ImageSeqFactory_out
- typedef Matrix * Matrix_ptr
- typedef Matrix * MatrixRef
- typedef MatrixFactory * MatrixFactory_ptr

- `typedef MatrixFactory * MatrixFactoryRef`
- `typedef OB::ObjVar< Matrix > Matrix_var`
- `typedef OB::ObjOut< Matrix > Matrix_out`
- `typedef OB::ObjVar< MatrixFactory > MatrixFactory_var`
- `typedef OB::ObjOut< MatrixFactory > MatrixFactory_out`
- `typedef NJet * NJet_ptr`
- `typedef NJet * NJetRef`
- `typedef NJetFactory * NJetFactory_ptr`
- `typedef NJetFactory * NJetFactoryRef`
- `typedef OB::ObjVar< NJet > NJet_var`
- `typedef OB::ObjOut< NJet > NJet_out`
- `typedef OB::ObjVar< NJetFactory > NJetFactory_var`
- `typedef OB::ObjOut< NJetFactory > NJetFactory_out`
- `typedef PixValueTag & PixValueTag_out`
- `typedef OB::FixVar< Vec2I > Vec2I_var`
- `typedef Vec2I & Vec2I_out`
- `typedef OB::FixVar< Vec2D > Vec2D_var`
- `typedef Vec2D & Vec2D_out`
- `typedef OB::FixVar< Vec3I > Vec3I_var`
- `typedef Vec3I & Vec3I_out`
- `typedef OB::FixVar< Vec3D > Vec3D_var`
- `typedef Vec3D & Vec3D_out`
- `typedef OB::FixVar< Complex > Complex_var`
- `typedef Complex & Complex_out`
- `typedef OB::FixVar< PixValue > PixValue_var`
- `typedef PixValue & PixValue_out`
- `typedef Polyline2dData * Polyline2dData_ptr`
- `typedef Polyline2dData * Polyline2dDataRef`
- `typedef Polyline2d * Polyline2d_ptr`
- `typedef Polyline2d * Polyline2dRef`
- `typedef PolylineFactory * PolylineFactory_ptr`
- `typedef PolylineFactory * PolylineFactoryRef`
- `typedef OB::ObjVar< Polyline2dData > Polyline2dData_var`
- `typedef OB::ObjOut< Polyline2dData > Polyline2dData_out`
- `typedef OB::ObjVar< Polyline2d > Polyline2d_var`
- `typedef OB::ObjOut< Polyline2d > Polyline2d_out`
- `typedef OB::ObjVar< PolylineFactory > PolylineFactory_var`
- `typedef OB::ObjOut< PolylineFactory > PolylineFactory_out`
- `typedef OB::FixVar< PointR2 > PointR2_var`
- `typedef PointR2 & PointR2_out`
- `typedef OB::FixSeq< PointR2, OBUnique_PointR2Seq > PointR2Seq`
- `typedef OB::SeqVar< OB::FixSeq< PointR2, OBUnique_PointR2Seq > > PointR2Seq_var`
- `typedef OB::SeqOut< OB::FixSeq< PointR2, OBUnique_PointR2Seq > > PointR2Seq_out`
- `typedef RefCountBase * RefCountBase_ptr`
- `typedef RefCountBase * RefCountBaseRef`
- `typedef OB::ObjVar< RefCountBase > RefCountBase_var`
- `typedef OB::ObjOut< RefCountBase > RefCountBase_out`
- `typedef Registry * Registry_ptr`
- `typedef Registry * RegistryRef`
- `typedef OB::ObjVar< Registry > Registry_var`

- typedef OB::ObjOut< Registry > Registry_out
- typedef OB::StrSeq< OBUUnique_NameList > NameList
- typedef OB::SeqVar< OB::StrSeq< OBUUnique_NameList > > NameList_var
- typedef OB::SeqOut< OB::StrSeq< OBUUnique_NameList > > NameList_out
- typedef RgbBuffer * RgbBuffer_ptr
- typedef RgbBuffer * RgbBufferRef
- typedef RgbBufferFactory * RgbBufferFactory_ptr
- typedef RgbBufferFactory * RgbBufferFactoryRef
- typedef RgbSource * RgbSource_ptr
- typedef RgbSource * RgbSourceRef
- typedef OB::ObjVar< RgbBuffer > RgbBuffer_var
- typedef OB::ObjOut< RgbBuffer > RgbBuffer_out
- typedef OB::ObjVar< RgbBufferFactory > RgbBufferFactory_var
- typedef OB::ObjOut< RgbBufferFactory > RgbBufferFactory_out
- typedef OB::ObjVar< RgbSource > RgbSource_var
- typedef OB::ObjOut< RgbSource > RgbSource_out
- typedef OB::FixSeq< CORBA::Long, OBUUnique_RgbSeq > RgbSeq
- typedef OB::SeqVar< OB::FixSeq< CORBA::Long, OBUUnique_RgbSeq > > RgbSeq_var
- typedef OB::SeqOut< OB::FixSeq< CORBA::Long, OBUUnique_RgbSeq > > RgbSeq_out
- typedef SF * SF_ptr
- typedef SF * SFRef
- typedef SFFactory * SFFactory_ptr
- typedef SFFactory * SFFactoryRef
- typedef OB::ObjVar< SF > SF_var
- typedef OB::ObjOut< SF > SF_out
- typedef OB::ObjVar< SFFactory > SFFactory_var
- typedef OB::ObjOut< SFFactory > SFFactory_out
- typedef TagList * TagList_ptr
- typedef TagList * TagListRef
- typedef TagListFactory * TagListFactory_ptr
- typedef TagListFactory * TagListFactoryRef
- typedef OB::ObjVar< TagList > TagList_var
- typedef OB::ObjOut< TagList > TagList_out
- typedef OB::ObjVar< TagListFactory > TagListFactory_var
- typedef OB::ObjOut< TagListFactory > TagListFactory_out
- typedef Test * Test_ptr
- typedef Test * TestRef
- typedef OB::ObjVar< Test > Test_var
- typedef OB::ObjOut< Test > Test_out
- typedef TVCapture * TVCapture_ptr
- typedef TVCapture * TVCaptureRef
- typedef OB::ObjVar< TVCapture > TVCapture_var
- typedef OB::ObjOut< TVCapture > TVCapture_out
- typedef OB::StrSeq< OBUUnique_StringSeq > StringSeq
- typedef OB::SeqVar< OB::StrSeq< OBUUnique_StringSeq > > StringSeq_var
- typedef OB::SeqOut< OB::StrSeq< OBUUnique_StringSeq > > StringSeq_out
- typedef OB::FixSeq< CORBA::Octet, OBUUnique_OctetSeq > OctetSeq
- typedef OB::SeqVar< OB::FixSeq< CORBA::Octet, OBUUnique_OctetSeq > > OctetSeq_var
- typedef OB::SeqOut< OB::FixSeq< CORBA::Octet, OBUUnique_OctetSeq > > OctetSeq_out
- typedef OB::FixSeq< CORBA::Short, OBUUnique_ShortSeq > ShortSeq

- typedef OB::SeqVar< OB::FixSeq< CORBA::Short, OBUnique_ShortSeq > > ShortSeq_var
- typedef OB::SeqOut< OB::FixSeq< CORBA::Short, OBUnique_ShortSeq > > ShortSeq_out
- typedef OB::FixSeq< CORBA::Long, OBUnique_LongSeq > LongSeq
- typedef OB::SeqVar< OB::FixSeq< CORBA::Long, OBUnique_LongSeq > > LongSeq_var
- typedef OB::SeqOut< OB::FixSeq< CORBA::Long, OBUnique_LongSeq > > LongSeq_out
- typedef OB::FixSeq< CORBA::Float, OBUnique_FloatSeq > FloatSeq
- typedef OB::SeqVar< OB::FixSeq< CORBA::Float, OBUnique_FloatSeq > > FloatSeq_var
- typedef OB::SeqOut< OB::FixSeq< CORBA::Float, OBUnique_FloatSeq > > FloatSeq_out
- typedef OB::FixSeq< CORBA::Double, OBUnique_DoubleSeq > DoubleSeq
- typedef OB::SeqVar< OB::FixSeq< CORBA::Double, OBUnique_DoubleSeq > > DoubleSeq_var
- typedef OB::SeqOut< OB::FixSeq< CORBA::Double, OBUnique_DoubleSeq > > DoubleSeq_out
- typedef OB::VarSeq< OB::FixSeq< CORBA::Double, OBUnique_DoubleSeq >, OBUnique_DoubleSeqSeq > DoubleSeqSeq
- typedef OB::SeqVar< OB::VarSeq< OB::FixSeq< CORBA::Double, OBUnique_DoubleSeq >, OBUnique_DoubleSeqSeq > > DoubleSeqSeq_var
- typedef OB::SeqOut< OB::VarSeq< OB::FixSeq< CORBA::Double, OBUnique_DoubleSeq >, OBUnique_DoubleSeqSeq > > DoubleSeqSeq_out
- typedef UserOps * UserOps_ptr
- typedef UserOps * UserOpsRef
- typedef OB::ObjVar< UserOps > UserOps_var
- typedef OB::ObjOut< UserOps > UserOps_out
- typedef TrecFaceT & TrecFaceT_out
- typedef TrecYesNoT & TrecYesNoT_out
- typedef TrecCameraT & TrecCameraT_out
- typedef OB::VarVar< MyMessage > MyMessage_var
- typedef OB::VarOut< MyMessage > MyMessage_out
- typedef OB::FixVar< Color > Color_var
- typedef Color & Color_out
- typedef OB::FixVar< AapFeatures > AapFeatures_var
- typedef AapFeatures & AapFeatures_out
- typedef VideoPlayer * VideoPlayer_ptr
- typedef VideoPlayer * VideoPlayerRef
- typedef VideoPlayerFactory * VideoPlayerFactory_ptr
- typedef VideoPlayerFactory * VideoPlayerFactoryRef
- typedef OB::ObjVar< VideoPlayer > VideoPlayer_var
- typedef OB::ObjOut< VideoPlayer > VideoPlayer_out
- typedef OB::ObjVar< VideoPlayerFactory > VideoPlayerFactory_var
- typedef OB::ObjOut< VideoPlayerFactory > VideoPlayerFactory_out
- typedef VideoWriter * VideoWriter_ptr
- typedef VideoWriter * VideoWriterRef
- typedef VideoWriterFactory * VideoWriterFactory_ptr
- typedef VideoWriterFactory * VideoWriterFactoryRef
- typedef OB::ObjVar< VideoWriter > VideoWriter_var
- typedef OB::ObjOut< VideoWriter > VideoWriter_out
- typedef OB::ObjVar< VideoWriterFactory > VideoWriterFactory_var
- typedef OB::ObjOut< VideoWriterFactory > VideoWriterFactory_out
- typedef VxSegment * VxSegment_ptr
- typedef VxSegment * VxSegmentRef

- typedef VxSegmentation * VxSegmentation_ptr
- typedef VxSegmentation * VxSegmentationRef
- typedef VxSegmentationFactory * VxSegmentationFactory_ptr
- typedef VxSegmentationFactory * VxSegmentationFactoryRef
- typedef OB::ObjVar< VxSegment > VxSegment_var
- typedef OB::ObjOut< VxSegment > VxSegment_out
- typedef OB::ObjVar< VxSegmentation > VxSegmentation_var
- typedef OB::ObjOut< VxSegmentation > VxSegmentation_out
- typedef OB::ObjVar< VxSegmentationFactory > VxSegmentationFactory_var
- typedef OB::ObjOut< VxSegmentationFactory > VxSegmentationFactory_out
- typedef OB::FixVar< VxTimeSpan > VxTimeSpan_var
- typedef VxTimeSpan & VxTimeSpan_out
- typedef OB::FixSeq< VxTimeSpan, OBUnique_VxTimeSpanSeq > VxTimeSpanSeq
- typedef OB::SeqVar< OB::FixSeq< VxTimeSpan, OBUnique_VxTimeSpanSeq > > VxTimeSpanSeq_var
- typedef OB::SeqOut< OB::FixSeq< VxTimeSpan, OBUnique_VxTimeSpanSeq > > VxTimeSpanSeq_out
- typedef OB::ObjSeq< VxSegment, OBUnique_VxSegmentSeq > VxSegmentSeq
- typedef OB::SeqVar< OB::ObjSeq< VxSegment, OBUnique_VxSegmentSeq > > VxSegmentSeq_var
- typedef OB::SeqOut< OB::ObjSeq< VxSegment, OBUnique_VxSegmentSeq > > VxSegmentSeq_out
- typedef VxStructure * VxStructure_ptr
- typedef VxStructure * VxStructureRef
- typedef VxStructureFactory * VxStructureFactory_ptr
- typedef VxStructureFactory * VxStructureFactoryRef
- typedef OB::ObjVar< VxStructure > VxStructure_var
- typedef OB::ObjOut< VxStructure > VxStructure_out
- typedef OB::ObjVar< VxStructureFactory > VxStructureFactory_var
- typedef OB::ObjOut< VxStructureFactory > VxStructureFactory_out
- typedef OB::FixVar< VxStructureEval > VxStructureEval_var
- typedef VxStructureEval & VxStructureEval_out
- typedef WebImageFactory * WebImageFactory_ptr
- typedef WebImageFactory * WebImageFactoryRef
- typedef OB::ObjVar< WebImageFactory > WebImageFactory_var
- typedef OB::ObjOut< WebImageFactory > WebImageFactory_out

Enumerations

- enum BSplineType { CLOSED, OPEN, OPEN_REPEAT_END_POINTS }
- enum DBDataTag { DBINT, DBDOUBLE, DBSTRING, DBSEGMENTATION, DBSEGMENT }
- enum ColorModel { RGB, CMY, XYZ, Lab, Luv, OOO, HSI }
- enum PixelT { INT_VALUE, REAL_VALUE, COMPLEX_VALUE }
- enum ImageSignature { SIG2DBYTE, SIG2DSHORT, SIG2DINT, SIG2DFLOAT, SIG2DDOUBLE, SIG2DVEC2BYTE, SIG2DVEC2SHORT, SIG2DVEC2INT, SIG2DVEC2FLOAT, SIG2DVEC2DOUBLE, SIG2DVEC3BYTE, SIG2DVEC3SHORT, SIG2DVEC3INT, SIG2DVEC3FLOAT, SIG2DVEC3DOUBLE, SIG2DCOMPLEX }
- enum GeoIntType { LINEAR, NEAREST }
- enum GeoTransType { FORWARD, BACKWARD }

- enum ResultPrecision { SOURCE_PREC, ARITH_PREC, SMALL_PREC }
- enum PixValueTag { SI, SD, V2I, V2D, V3I, V3D, CPL }
- enum TrecFaceT { Whatever, None, One, Two, Many }
- enum TrecYesNoT { Yes, No }
- enum TrecCameraT { Whatsoever, Static, Pan, Tilt, PanTilt, Zoom, ZoomIn, ZoomOut }

Functions

- ::OB::TypeCodeConst _tc_App ("01000000e00000240000001003200140000049444c3a4878436f7262612f41707")
- ::OB::TypeCodeConst _tc_ContourCode ("01000000150000003800000001ffffff1c00000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_ContourCodeSeq ("01000000150000008c00000001ffffff1f00000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_Blob2d ("01000000e000002b000000010032001700000049444c3a4878436f7262612f42")
- ::OB::TypeCodeConst _tc_Blob2dSet ("01000000150000007800000001686c001a00000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_BSplineType ("01000000110000006b00000001ffffff1c00000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_BSplineCurve ("01000000e0000039000000010032001d00000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_SampledBSplineCurve ("01000000e0000044000000010032002400000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_BSplineFactory ("01000000e000003b000000010032001f00000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_ObjectUsage ("01000000e0000034000000010032001c00000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_Configure ("01000000e0000032000000010032001a00000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_Constructor ("01000000e0000034000000010032001c00000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_DatabaseException ("01000000160000008400000001ffffff2200000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_SegmentQueryResult ("01000000f0000030010000019b6b002300000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_SegmentQueryResultSeq ("010000001500000094010000018d6b002600000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_DatabaseSession ("01000000e000003c000000010032002000000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_Database ("01000000e0000031000000010032001900000049444c3a4878436f7262612f4")
- ::OB::TypeCodeConst _tc_VxSegmentBuilder ("01000000e0000041000000010032002100000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_VxSegmentationBuilder ("01000000e000004a000000010032002600000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_StoreSession ("01000000e0000039000000010032001d00000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_VxMutableSegment ("01000000e0000041000000010032002100000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_VxMutableSegmentation ("01000000e000004a000000010032002600000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_UpdateSession ("01000000e000003a000000010032001e00000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_DBDataTag ("01000000110000008600000001036b001a00000049444c3a4878436f7262612f4")
- ::OB::TypeCodeConst _tc_DBData ("0100000010000000b201000001036b001700000049444c3a4878436f7262612f4")
- ::OB::TypeCodeConst _tc_DBDataTagSeq ("0100000015000000dc00000001c56c001d00000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_DBDataRow ("0100000015000000002000001c56c001a00000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_DBDataRowSeq ("013434341500000054020000013666371d00000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_XMLSession ("013434340e00000033000000010032001b00000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_HistogramSession ("01000000e0000041000000010032002100000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_VxSimilarityBuilder ("01000000e0000044000000010032002400000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_VxSimilaritySession ("01000000e0000044000000010032002400000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_FullSession ("01000000e0000034000000010032001c00000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_ColorModel ("01000000110000007000000001ffffff1b00000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_GlobalOps ("01000000e0000032000000010032001a00000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_BinDataSequence ("01000000150000005000000001ffffff2000000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_HistogramData ("01000000e000003a000000010032001e00000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_HistogramMode ("01000000f000005800000001fe6c001e00000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_HistogramModeSeq ("0100000015000000b400000001d669002100000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_Histogram ("01000000e0000032000000010032001a00000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_HistogramFactory ("01000000e0000041000000010032002100000049444c3a4878436f7262612f")
- ::OB::TypeCodeConst _tc_HistogramList ("01000000150000008800000001d669001e00000049444c3a4878436f7262612f")

- `::OB::TypeCodeConst_tc_PixelT` ("01000000110000006200000001ffffff1700000049444c3a4878436f7262612f50697a")
- `::OB::TypeCodeConst_tc_ImageSignature` ("01000000110000006901000001ffffff1f00000049444c3a4878436f7262612f50697a")
- `::OB::TypeCodeConst_tc_Sizes` ("010000000f0000005400000001ffffff1600000049444c3a4878436f7262612f53697af6")
- `::OB::TypeCodeConst_tc_Point` ("010000000f0000005400000001f06f001600000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_ImageRepRgbSource` ("010000000e00000042000000010032002200000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_ImageData` ("010000000e00000032000000010032001a00000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_GeoIntType` ("01000000110000005000000001566f001b00000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_GeoTransType` ("01000000110000005900000001566f001d00000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_ResultPrecision` ("01000000110000006f00000001566f002000000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_ImageException` ("01000000160000005400000001566f001f00000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_ImageList` ("01000000150000008000000001f06f001a00000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_ImageRep` ("010000000e00000031000000010032001900000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_ImageFactory` ("010000000e00000039000000010032001d00000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_ImageSeqDisplayer` ("010000000e00000042000000010032002200000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_ImageSeq` ("010000000e00000031000000010032001900000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_ImageSeqFactory` ("010000000e0000003c000000010032002000000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_Matrix` ("010000000e0000002b000000010032001700000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_MatrixFactory` ("010000000e0000003a000000010032001e00000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_NJet` ("010000000e00000029000000010032001500000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_NJetFactory` ("010000000e00000034000000010032001c00000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_PixValueTag` ("01000000110000007000000001ffffff1c00000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_Vec2I` ("010000000f0000004800000001ffffff1600000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_Vec2D` ("010000000f0000004800000001ed6a001600000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_Vec3I` ("010000000f0000005400000001ed6a001600000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_Vec3D` ("010000000f0000005400000001ed6a001600000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_Complex` ("010000000f0000004800000001ed6a001800000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_PixValue` ("0100000010000000f002000001ed6a001900000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_PointR2` ("010000000f0000004800000001ffffff1800000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_PointR2Seq` ("01000000150000009400000001306a001b00000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_Polyline2dData` ("010000000e0000003b000000010032001f00000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_Polyline2d` ("010000000e00000033000000010032001b00000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_PolylineFactory` ("010000000e0000003c000000010032002000000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_RefCountBase` ("010000000e00000039000000010032001d00000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_NameList` ("01000000150000004c00000001ffffff1900000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_Registry` ("010000000e00000031000000010032001900000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_RgbSeq` ("01000000150000004000000001ffffff1700000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_RgbBuffer` ("010000000e00000032000000010032001a00000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_RgbBufferFactory` ("010000000e00000041000000010032002100000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_RgbSource` ("010000000e00000032000000010032001a00000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_SF` ("010000000e00000023000000010032001300000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_SFFactory` ("010000000e00000032000000010032001a00000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_TagList` ("010000000e0000002c000000010032001800000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_TagListFactory` ("010000000e0000003b000000010032001f00000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_Test` ("010000000e00000029000000010032001500000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_TVCCapture` ("010000000e00000032000000010032001a00000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_StringSeq` ("01000000150000004c00000001ffffff1a00000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc-OctetSeq` ("01000000150000004800000001ffffff1900000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_ShortSeq` ("01000000150000004800000001ffffff1900000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_LongSeq` ("01000000150000004000000001ffffff1800000049444c3a4878436f7262612f50697af6")
- `::OB::TypeCodeConst_tc_FloatSeq` ("01000000150000004800000001ffffff1900000049444c3a4878436f7262612f50697af6")

- `::OB::TypeCodeConst_tc_DoubleSeq` ("01000000150000004800000001ffffff1a00000049444c3a4878436f7262612f4
- `::OB::TypeCodeConst_tc_DoubleSeqSeq` ("01000000150000009c00000001ffffff1d00000049444c3a4878436f7262612f5
- `::OB::TypeCodeConst_tc_TrecFaceT` ("01000000110000006d00000001ffffff1a00000049444c3a4878436f7262612f5
- `::OB::TypeCodeConst_tc_TrecYesNoT` ("01000000110000004700000001ffffff1b00000049444c3a4878436f7262612f5
- `::OB::TypeCodeConst_tc_TrecCameraT` ("01000000110000009800000001ffffff1c00000049444c3a4878436f7262612f5
- `::OB::TypeCodeConst_tc_MyMessage` ("01000000f0000004800000001ffffff1a00000049444c3a4878436f7262612f4
- `::OB::TypeCodeConst_tc_Color` ("01000000f0000005400000001c169001600000049444c3a4878436f7262612f436f7262612f5
- `::OB::TypeCodeConst_tc_AapFeatures` ("01000000f000000d0000000014b73001c00000049444c3a4878436f7262612f5
- `::OB::TypeCodeConst_tc_UserOps` ("01000000e0000002c000000010032001800000049444c3a4878436f7262612f5
- `::OB::TypeCodeConst_tc_VideoPlayer` ("01000000e00000034000000010032001c00000049444c3a4878436f7262612f5
- `::OB::TypeCodeConst_tc_VideoPlayerFactory` ("01000000e00000043000000010032002300000049444c3a4878436f7262612f5
- `::OB::TypeCodeConst_tc_VideoWriter` ("01000000e00000034000000010032001c00000049444c3a4878436f7262612f5
- `::OB::TypeCodeConst_tc_VideoWriterFactory` ("01000000e00000043000000010032002300000049444c3a4878436f7262612f5
- `::OB::TypeCodeConst_tc_VxTimeSpan` ("01000000f0000005400000001ffffff1b00000049444c3a4878436f7262612f5
- `::OB::TypeCodeConst_tc_VxTimeSpanSeq` ("0100000015000000a800000001c46a001e00000049444c3a4878436f7262612f5
- `::OB::TypeCodeConst_tc_VxSegment` ("01000000e00000032000000010032001a00000049444c3a4878436f7262612f5
- `::OB::TypeCodeConst_tc_VxSegmentSeq` ("01000000150000008800000001c46a001d00000049444c3a4878436f7262612f5
- `::OB::TypeCodeConst_tc_VxSegmentation` ("01000000e0000003b000000010032001f00000049444c3a4878436f7262612f5
- `::OB::TypeCodeConst_tc_VxSegmentationFactory` ("01000000e0000004a000000010032002600000049444c3a4878436f7262612f5
- `::OB::TypeCodeConst_tc_VxStructureEval` ("01000000f0000007400000001ffffff2000000049444c3a4878436f7262612f5
- `::OB::TypeCodeConst_tc_VxStructure` ("01000000e00000034000000010032001c00000049444c3a4878436f7262612f5
- `::OB::TypeCodeConst_tc_VxStructureFactory` ("01000000e00000043000000010032002300000049444c3a4878436f7262612f5
- `::OB::TypeCodeConst_tc_WebImageFactory` ("01000000e0000003c000000010032002000000049444c3a4878436f7262612f5

Variables

- `OB::TypeCodeConst_tc_App`
- `OB::TypeCodeConst_tc_Blob2d`
- `OB::TypeCodeConst_tc_ContourCode`
- `OB::TypeCodeConst_tc_ContourCodeSeq`
- `OB::TypeCodeConst_tc_Blob2dSet`
- `OB::TypeCodeConst_tc_BSplineCurve`
- `OB::TypeCodeConst_tc_SampledBSplineCurve`
- `OB::TypeCodeConst_tc_BSplineFactory`
- `OB::TypeCodeConst_tc_BSplineType`
- `OB::TypeCodeConst_tc_ObjectUsage`
- `OB::TypeCodeConst_tc_Configure`
- `OB::TypeCodeConst_tc_Constructor`
- `OB::TypeCodeConst_tc_DatabaseSession`
- `OB::TypeCodeConst_tc_Database`
- `OB::TypeCodeConst_tc_DatabaseException`
- `OB::TypeCodeConst_tc_SegmentQueryResult`
- `OB::TypeCodeConst_tc_SegmentQueryResultSeq`
- `OB::TypeCodeConst_tc_VxSegmentBuilder`
- `OB::TypeCodeConst_tc_VxSegmentationBuilder`
- `OB::TypeCodeConst_tc_StoreSession`
- `OB::TypeCodeConst_tc_VxMutableSegment`
- `OB::TypeCodeConst_tc_VxMutableSegmentation`
- `OB::TypeCodeConst_tc_UpdateSession`
- `OB::TypeCodeConst_tc_XMLSession`

- **OB::TypeCodeConst _tc_HistogramSession**
- **OB::TypeCodeConst _tc_VxSimilarityBuilder**
- **OB::TypeCodeConst _tc_VxSimilaritySession**
- **OB::TypeCodeConst _tc_FullSession**
- **OB::TypeCodeConst _tc_DBDataTag**
- **OB::TypeCodeConst _tc_DBData**
- **OB::TypeCodeConst _tc_DBDataTagSeq**
- **OB::TypeCodeConst _tc_DBDataRow**
- **OB::TypeCodeConst _tc_DBDataRowSeq**
- **OB::TypeCodeConst _tc_GlobalOps**
- **OB::TypeCodeConst _tc_ColorModel**
- **OB::TypeCodeConst _tc_HistogramData**
- **OB::TypeCodeConst _tc_Histogram**
- **OB::TypeCodeConst _tc_HistogramFactory**
- **OB::TypeCodeConst _tc_BinDataSequence**
- **OB::TypeCodeConst _tc_HistogramMode**
- **OB::TypeCodeConst _tc_HistogramModeSeq**
- **OB::TypeCodeConst _tc_HistogramList**
- **OB::TypeCodeConst _tc_ImageRepRgbSource**
- **OB::TypeCodeConst _tc_ImageData**
- **OB::TypeCodeConst _tc_ImageRep**
- **OB::TypeCodeConst _tc_ImageFactory**
- **OB::TypeCodeConst _tc_PixelT**
- **OB::TypeCodeConst _tc_ImageSignature**
- **OB::TypeCodeConst _tc_Sizes**
- **OB::TypeCodeConst _tc_Point**
- **OB::TypeCodeConst _tc_GeoIntType**
- **OB::TypeCodeConst _tc_GeoTransType**
- **OB::TypeCodeConst _tc_ResultPrecision**
- **OB::TypeCodeConst _tc_ImageException**
- **OB::TypeCodeConst _tc_ImageList**
- **OB::TypeCodeConst _tc_ImageSeqDisplayer**
- **OB::TypeCodeConst _tc_ImageSeq**
- **OB::TypeCodeConst _tc_ImageSeqFactory**
- **OB::TypeCodeConst _tc_Matrix**
- **OB::TypeCodeConst _tc_MatrixFactory**
- **OB::TypeCodeConst _tc_NJet**
- **OB::TypeCodeConst _tc_NJetFactory**
- **OB::TypeCodeConst _tc_PixValueTag**
- **OB::TypeCodeConst _tc_Vec2I**
- **OB::TypeCodeConst _tc_Vec2D**
- **OB::TypeCodeConst _tc_Vec3I**
- **OB::TypeCodeConst _tc_Vec3D**
- **OB::TypeCodeConst _tc_Complex**
- **OB::TypeCodeConst _tc_PixValue**
- **OB::TypeCodeConst _tc_Polyline2dData**
- **OB::TypeCodeConst _tc_Polyline2d**
- **OB::TypeCodeConst _tc_PolylineFactory**
- **OB::TypeCodeConst _tc_PointR2**
- **OB::TypeCodeConst _tc_PointR2Seq**

- **OB::TypeCodeConst _tc_RefCountBase**
- **OB::TypeCodeConst _tc_Registry**
- **OB::TypeCodeConst _tc_NameList**
- **OB::TypeCodeConst _tc_RgbBuffer**
- **OB::TypeCodeConst _tc_RgbBufferFactory**
- **OB::TypeCodeConst _tc_RgbSource**
- **OB::TypeCodeConst _tc_RgbSeq**
- **OB::TypeCodeConst _tc_SF**
- **OB::TypeCodeConst _tc_SFFactory**
- **OB::TypeCodeConst _tc_TagList**
- **OB::TypeCodeConst _tc_TagListFactory**
- **OB::TypeCodeConst _tc_Test**
- **OB::TypeCodeConst _tc_TVCapture**
- **OB::TypeCodeConst _tc_StringSeq**
- **OB::TypeCodeConst _tc_OctetSeq**
- **OB::TypeCodeConst _tc_ShortSeq**
- **OB::TypeCodeConst _tc_LongSeq**
- **OB::TypeCodeConst _tc_FloatSeq**
- **OB::TypeCodeConst _tc_DoubleSeq**
- **OB::TypeCodeConst _tc_DoubleSeqSeq**
- **OB::TypeCodeConst _tc_UserOps**
- **OB::TypeCodeConst _tc_TrecFaceT**
- **OB::TypeCodeConst _tc_TrecYesNoT**
- **OB::TypeCodeConst _tc_TrecCameraT**
- **OB::TypeCodeConst _tc_MyMessage**
- **OB::TypeCodeConst _tc_Color**
- **OB::TypeCodeConst _tc_AapFeatures**
- **OB::TypeCodeConst _tc_VideoPlayer**
- **OB::TypeCodeConst _tc_VideoPlayerFactory**
- **OB::TypeCodeConst _tc_VideoWriter**
- **OB::TypeCodeConst _tc_VideoWriterFactory**
- **OB::TypeCodeConst _tc_VxSegment**
- **OB::TypeCodeConst _tc_VxSegmentation**
- **OB::TypeCodeConst _tc_VxSegmentationFactory**
- **OB::TypeCodeConst _tc_VxTimeSpan**
- **OB::TypeCodeConst _tc_VxTimeSpanSeq**
- **OB::TypeCodeConst _tc_VxSegmentSeq**
- **OB::TypeCodeConst _tc_VxStructure**
- **OB::TypeCodeConst _tc_VxStructureFactory**
- **OB::TypeCodeConst _tc_VxStructureEval**
- **OB::TypeCodeConst _tc_WebImageFactory**

1.1.1 Typedef Documentation

1.1.1.1 typedef App* HxCorba::App_ptr

1.1.1.2 typedef App* HxCorba::AppRef

1.1.1.3 typedef OB::ObjVar< App > HxCorba::App_var

1.1.1.4 typedef OB::ObjOut< App > HxCorba::App_out

1.1.1.5 typedef Blob2d* HxCorba::Blob2d_ptr

1.1.1.6 typedef Blob2d* HxCorba::Blob2dRef

1.1.1.7 typedef OB::ObjVar< Blob2d > HxCorba::Blob2d_var

1.1.1.8 typedef OB::ObjOut< Blob2d > HxCorba::Blob2d_out

1.1.1.9 typedef CORBA::Long HxCorba::ContourCode

1.1.1.10 typedef CORBA::Long_out HxCorba::ContourCode_out

1.1.1.11 typedef OB::FixSeq< CORBA::Long, OBUUnique_ContourCodeSeq >
HxCorba::ContourCodeSeq

1.1.1.12 typedef OB::SeqVar< OB::FixSeq< CORBA::Long, OBUUnique_ContourCodeSeq > >
HxCorba::ContourCodeSeq_var

1.1.1.13 typedef OB::SeqOut< OB::FixSeq< CORBA::Long, OBUUnique_ContourCodeSeq > >
HxCorba::ContourCodeSeq_out

1.1.1.14 typedef OB::ObjSeq< Blob2d, OBUUnique_Blob2dSet > HxCorba::Blob2dSet

1.1.1.15 typedef OB::SeqVar< OB::ObjSeq< Blob2d, OBUUnique_Blob2dSet > >
HxCorba::Blob2dSet_var

1.1.1.16 typedef OB::SeqOut< OB::ObjSeq< Blob2d, OBUUnique_Blob2dSet > >
HxCorba::Blob2dSet_out

1.1.1.17 typedef BSplineCurve* HxCorba::BSplineCurve_ptr

1.1.1.18 typedef BSplineCurve* HxCorba::BSplineCurveRef

1.1.1.19 typedef SampledBSplineCurve* HxCorba::SampledBSplineCurve_ptr

1.1.1.20 typedef SampledBSplineCurve* HxCorba::SampledBSplineCurveRef

1.1.1.21 typedef BSplineFactory* HxCorba::BSplineFactory_ptr

1.1.1.22 typedef BSplineFactory* HxCorba::BSplineFactoryRef

1.1.1.23 typedef OB::ObjVar< BSplineCurve > HxCorba::BSplineCurve_var

1.1.1.24 typedef OB::ObjOut< BSplineCurve > HxCorba::BSplineCurve_out

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1.1.1.25 typedef OB::ObjVar< SampledBSplineCurve > HxCorba::SampledBSplineCurve_var

1.1.1.26 typedef OB::ObjOut< SampledBSplineCurve > HxCorba::SampledBSplineCurve_out

1.1.1.27 typedef OB::ObjVar< BSplineFactory > HxCorba::BSplineFactory_var

OPEN
OPEN_REPEAT_END_POINTS

1.1.2.2 enum HxCorba::DBDataTag

Enumeration values:

DBINT
DBDOUBLE
DBSTRING
DBSEGMENTATION
DBSEGMENT

1.1.2.3 enum HxCorba::ColorModel

Enumeration values:

RGB
CMY
XYZ
Lab
Luv
OOO
HSI

1.1.2.4 enum HxCorba::PixelT

Enumeration values:

INT_VALUE
REAL_VALUE
COMPLEX_VALUE

1.1.2.5 enum HxCorba::ImageSignature

Enumeration values:

SIG2DBYTE
SIG2DSHORT
SIG2DINT
SIG2DFLOAT
SIG2DDOUBLE
SIG2DVEC2BYTE
SIG2DVEC2SHORT
SIG2DVEC2INT
SIG2DVEC2FLOAT

SIG2DVEC2DOUBLE
SIG2DVEC3BYTE
SIG2DVEC3SHORT
SIG2DVEC3INT
SIG2DVEC3FLOAT
SIG2DVEC3DOUBLE
SIG2DCOMPLEX

1.1.2.6 enum HxCorba::GeoIntType

Enumeration values:

LINEAR
NEAREST

1.1.2.7 enum HxCorba::GeoTransType

Enumeration values:

FORWARD
BACKWARD

1.1.2.8 enum HxCorba::ResultPrecision

Enumeration values:

SOURCE_PREC
ARITH_PREC
SMALL_PREC

1.1.2.9 enum HxCorba::PixValueTag

Enumeration values:

SI
SD
V2I
V2D
V3I
V3D
CPL

1.1.2.10 enum HxCorba::TrecFaceT**Enumeration values:****Whatever****None****One****Two****Many****1.1.2.11 enum HxCorba::TrecYesNoT****Enumeration values:****Yes****No****1.1.2.12 enum HxCorba::TrecCameraT****Enumeration values:****Whatever****Static****Pan****Tilt****PanTilt****Zoom****ZoomIn****ZoomOut**

1.1.3 Function Documentation

- 1.1.3.1 **::OB::TypeCodeConst _tc_App**
 ("01000000e0000002400000010032001400000049444c3a4878436f7262612f4170703a312e3"000040000004170)
- 1.1.3.2 **::OB::TypeCodeConst _tc_ContourCode**
 ("01000000150000003800000001ffffff1c00000049444c3a4878436f7262612f436f6e746f757"2436f64653a312e300)
- 1.1.3.3 **::OB::TypeCodeConst _tc_ContourCodeSeq**
 ("01000000150000008c00000001ffffff1f00000049444c3a4878436f7262612f436f6e746f757"2436f64655365713a3)
- 1.1.3.4 **::OB::TypeCodeConst _tc_Blob2d**
 ("01000000e0000002b000000010032001700000049444c3a4878436f7262612f426c6f6232643"0000a312e3000530700)
- 1.1.3.5 **::OB::TypeCodeConst _tc_Blob2dSet**
 ("01000000150000007800000001686c001a00000049444c3a4878436f7262612f426c6f6232645"365743a312e3000)
- 1.1.3.6 **::OB::TypeCodeConst _tc_BSplineType**
 ("01000000110000006b00000001ffffff1c00000049444c3a4878436f7262612f4253706c696e6"5547970653a312e300)
- 1.1.3.7 **::OB::TypeCodeConst _tc_BSplineCurve**
 ("01000000e00000039000000010032001d00000049444c3a4878436f7262612f4253706c696e6"543757276653a312e300)
- 1.1.3.8 **::OB::TypeCodeConst _tc_SampledBSplineCurve**
 ("01000000e00000044000000010032002400000049444c3a4878436f7262612f53616d706c656"44253706c696e653a312e300)
- 1.1.3.9 **::OB::TypeCodeConst _tc_BSplineFactory**
 ("01000000e0000003b000000010032001f00000049444c3a4878436f7262612f4253706c696e6"5466163746f727970653a312e300)
- 1.1.3.10 **::OB::TypeCodeConst _tc_ObjectUsage**
 ("01000000e00000034000000010032001c00000049444c3a4878436f7262612f4f626a6563745"5736167653a312e300)
- 1.1.3.11 **::OB::TypeCodeConst _tc_Configure**
 ("01000000e00000032000000010032001a00000049444c3a4878436f7262612f436f6e6669677"572653a312e300)
- 1.1.3.12 **::OB::TypeCodeConst _tc_Constructor**
 ("01000000e00000034000000010032001c00000049444c3a4878436f7262612f436f6e7374727"563746f723a312e300)
- 1.1.3.13 **::OB::TypeCodeConst _tc_DatabaseException**
 ("01000000160000008400000001ffffff2200000049444c3a4878436f7262612f4461746162617"365457863657074)
- 1.1.3.14 **::OB::TypeCodeConst _tc_SegmentQueryResult**
 ("01000000f00000030010000019b6b002300000049444c3a4878436f7262612f5365676d656e7"4517565727952)
- 1.1.3.15 **::OB::TypeCodeConst _tc_SegmentQueryResultSeq**
 ("010000001500000094010000018d6b002600000049444c3a4878436f7262612f5365676d656e7"4517565727952)
- 1.1.3.16 **::OB::TypeCodeConst _tc_DatabaseSession**
 ("01000000e0000003c000000010032002000000049444c3a4878436f7262612f4461746162617"3655365737369)
- 1.1.3.17 **::OB::TypeCodeConst _tc_Database**
 ("01000000e00000031000000010032001900000049444c3a4878436f7262612f4461746162617"3653a312e3000)
- 1.1.3.18 **::OB::TypeCodeConst _tc_VxSegmentBuilder**
 ("01000000e00000041000000010032002100000049444c3a4878436f7262612f56785365676d6"56e744275696c)
- 1.1.3.19 **::OB::TypeCodeConst _tc_VxSegmentationBuilder**
 ("01000000e0000004a000000010032002600000049444c3a4878436f7262612f56785365676d6"56e746174696f)
- 1.1.3.20 **::OB::TypeCodeConst _tc_StoreSession**

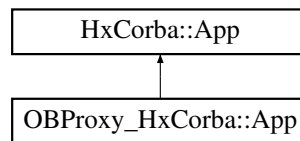
Chapter 2

Interfaces

2.1 HxCorba::App Class Reference

```
#include <HxCorbaApp.h>
```

Inheritance diagram for HxCorba::App::



Public Types

- typedef App_ptr _ptr_type
- typedef App_var _var_type

Public Methods

- App ()
- virtual ~App ()
- virtual void listObjectTypes (StringSeq_out sl)=0
- virtual void listObjects (const char *typeId, StringSeq_out sl)=0
- virtual CORBA::Object_ptr getObject (const char *typeId, const char *name)=0
- virtual CORBA::Boolean putObject (const char *typeId, const char *name, CORBA::Object_ptr obj)=0
- virtual void listImages (StringSeq_out sl)=0
- virtual ImageRep_ptr getImage (const char *name)=0
- virtual CORBA::Boolean putImage (const char *name, ImageRep_ptr img)=0

Static Public Methods

- App_ptr _duplicate (App_ptr p)
-

- `App_ptr _nil ()`
- `App_ptr _narrow (CORBA::Object_ptr)`
- `App_ptr _unchecked_narrow (CORBA::Object_ptr)`
- `App_ptr _narrow (CORBA::AbstractBase_ptr)`
- `App_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)`
- `const char ** _OB_staticIds ()`

Static Protected Attributes

- `const char * ids_ []`

2.1.1 Member Typedef Documentation

2.1.1.1 `typedef App_ptr HxCorba::App::_ptr_type`

2.1.1.2 `typedef App_var HxCorba::App::_var_type`

2.1.2 Constructor & Destructor Documentation

2.1.2.1 `HxCorba::App::App () [inline]`

Reimplemented in `OBProxy_HxCorba::App` (p. ??).

2.1.2.2 `virtual HxCorba::App::~~App () [inline, virtual]`

Reimplemented in `OBProxy_HxCorba::App` (p. ??).

2.1.3 Member Function Documentation

2.1.3.1 App_ptr HxCORBA::App::duplicate (App_ptr *p*) [inline, static]

2.1.3.2 App_ptr HxCORBA::App::nil () [inline, static]

2.1.3.3 HxCORBA::App_ptr HxCORBA::App::_narrow (CORBA::Object_ptr *p*) [static]

2.1.3.4 HxCORBA::App_ptr HxCORBA::App::_unchecked_narrow (CORBA::Object_ptr *p*) [static]

2.1.3.5 HxCORBA::App_ptr HxCORBA::App::_narrow (CORBA::AbstractBase_ptr *p*) [static]

2.1.3.6 HxCORBA::App_ptr HxCORBA::App::_unchecked_narrow (CORBA::AbstractBase_ptr *p*) [static]

2.1.3.7 const char ** HxCORBA::App::_OB_staticIds () [static]

2.1.3.8 virtual void HxCORBA::App::listObjectTypes (StringSeq_out *sl*) [pure virtual]

2.1.3.9 virtual void HxCORBA::App::listObjects (const char * *typeId*, StringSeq_out *sl*) [pure virtual]

2.1.3.10 virtual CORBA::Object_ptr HxCORBA::App::getObject (const char * *_ob_a0*, const char * *_ob_a1*) [pure virtual]

Reimplemented in OBProxy_HxCORBA::App (p. ??).

2.1.3.11 virtual CORBA::Boolean HxCORBA::App::putObject (const char * *_ob_a0*, const char * *_ob_a1*, CORBA::Object_ptr *_ob_a2*) [pure virtual]

Reimplemented in OBProxy_HxCORBA::App (p. ??).

2.1.3.12 virtual void HxCORBA::App::listImages (StringSeq_out *sl*) [pure virtual]

2.1.3.13 virtual ImageRep_ptr HxCORBA::App::getImage (const char * *_ob_a0*) [pure virtual]

Reimplemented in OBProxy_HxCORBA::App (p. ??).

2.1.3.14 virtual CORBA::Boolean HxCORBA::App::putImage (const char * *name*, ImageRep_ptr *img*) [pure virtual]

2.1.4 Member Data Documentation

2.1.4.1 const char * HxCORBA::App::ids_ [static, protected]

Initial value:

```
{
    "IDL:HxCORBA/App:1.0",
```

```

    0
}

```

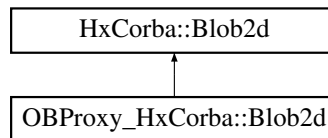
The documentation for this class was generated from the following files:

- HxCorbaApp.h
- HxCorbaApp.c

2.2 HxCorba::Blob2d Class Reference

```
#include <HxCorbaBlob2d.h>
```

Inheritance diagram for HxCorba::Blob2d::



Public Types

- typedef Blob2d_ptr _ptr_type
- typedef Blob2d_var _var_type

Public Methods

- Blob2d ()
- virtual ~Blob2d ()
- virtual CORBA::Long ident ()=0
- virtual ImageRep_ptr getInputImage ()=0
- virtual ImageRep_ptr getLabeledImage ()=0
- virtual CORBA::Long getLabel ()=0
- virtual CORBA::Long getContourX ()=0
- virtual CORBA::Long getContourY ()=0
- virtual CORBA::Long getContourLength ()=0
- virtual ContourCodeSeq * getContourCodes ()=0
- virtual void fillRgb (RgbBuffer_ptr buf)=0
- virtual PixValue getFeature (const char *name)=0

Static Public Methods

- Blob2d_ptr _duplicate (Blob2d_ptr p)
- Blob2d_ptr _nil ()
- Blob2d_ptr _narrow (CORBA::Object_ptr)
- Blob2d_ptr _unchecked_narrow (CORBA::Object_ptr)
- Blob2d_ptr _narrow (CORBA::AbstractBase_ptr)
- Blob2d_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- `const char * ids_ []`

2.2.1 Member Typedef Documentation

2.2.1.1 `typedef Blob2d_ptr HxCorba::Blob2d::_ptr_type`

2.2.1.2 `typedef Blob2d_var HxCorba::Blob2d::_var_type`

2.2.2 Constructor & Destructor Documentation

2.2.2.1 `HxCorba::Blob2d::Blob2d ()` [`inline`]

Reimplemented in `OBProxy_HxCorba::Blob2d` (p. ??).

2.2.2.2 `virtual HxCorba::Blob2d::~~Blob2d ()` [`inline`, `virtual`]

Reimplemented in `OBProxy_HxCorba::Blob2d` (p. ??).

2.2.3 Member Function Documentation

2.2.3.1 `Blob2d_ptr HxCorba::Blob2d::_duplicate (Blob2d_ptr p)` [`inline`, `static`]

2.2.3.2 `Blob2d_ptr HxCorba::Blob2d::_nil ()` [`inline`, `static`]

2.2.3.3 `HxCorba::Blob2d_ptr HxCorba::Blob2d::_narrow (CORBA::Object_ptr p)` [`static`]

2.2.3.4 `HxCorba::Blob2d_ptr HxCorba::Blob2d::_unchecked_narrow (CORBA::Object_ptr p)`
[`static`]

2.2.3.5 `HxCorba::Blob2d_ptr HxCorba::Blob2d::_narrow (CORBA::AbstractBase_ptr p)`
[`static`]

2.2.3.6 `HxCorba::Blob2d_ptr HxCorba::Blob2d::_unchecked_narrow (CORBA::AbstractBase_ptr p)`
[`static`]

2.2.3.7 `const char ** HxCorba::Blob2d::_OB_staticIds ()` [`static`]

2.2.3.8 `virtual CORBA::Long HxCorba::Blob2d::ident ()` [`pure virtual`]

Reimplemented in `OBProxy_HxCorba::Blob2d` (p. ??).

2.2.3.9 `virtual ImageRep_ptr HxCorba::Blob2d::getInputImage ()` [`pure virtual`]

Reimplemented in `OBProxy_HxCorba::Blob2d` (p. ??).

2.2.3.10 virtual ImageRep_ptr HxCorba::Blob2d::getLabeledImage () [pure virtual]

Reimplemented in OBProxy_HxCorba::Blob2d (p. ??).

2.2.3.11 virtual CORBA::Long HxCorba::Blob2d::getLabel () [pure virtual]

Reimplemented in OBProxy_HxCorba::Blob2d (p. ??).

2.2.3.12 virtual CORBA::Long HxCorba::Blob2d::getContourX () [pure virtual]

Reimplemented in OBProxy_HxCorba::Blob2d (p. ??).

2.2.3.13 virtual CORBA::Long HxCorba::Blob2d::getContourY () [pure virtual]

Reimplemented in OBProxy_HxCorba::Blob2d (p. ??).

2.2.3.14 virtual CORBA::Long HxCorba::Blob2d::getContourLength () [pure virtual]

Reimplemented in OBProxy_HxCorba::Blob2d (p. ??).

2.2.3.15 virtual ContourCodeSeq* HxCorba::Blob2d::getContourCodes () [pure virtual]

Reimplemented in OBProxy_HxCorba::Blob2d (p. ??).

2.2.3.16 virtual void HxCorba::Blob2d::fillRgb (RgbBuffer_ptr *buf*) [pure virtual]

2.2.3.17 virtual PixValue HxCorba::Blob2d::getFeature (const char * *lob_a0*) [pure virtual]

Reimplemented in OBProxy_HxCorba::Blob2d (p. ??).

2.2.4 Member Data Documentation

2.2.4.1 const char * HxCorba::Blob2d::ids_ [static, protected]

Initial value:

```
{
    "IDL:HxCorba/Blob2d:1.0",
    0
}
```

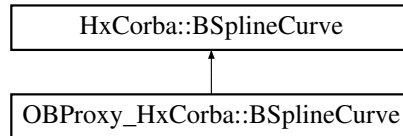
The documentation for this class was generated from the following files:

- HxCorbaBlob2d.h
- HxCorbaBlob2d.c

2.3 HxCorba::BSplineCurve Class Reference

```
#include <HxCorbaBSplineCurve.h>
```

Inheritance diagram for HxCorba::BSplineCurve::



Public Types

- typedef BSplineCurve_ptr_ptr_type
- typedef BSplineCurve_var_var_type

Public Methods

- BSplineCurve ()
- virtual ~BSplineCurve ()
- virtual BSplineType curveType ()=0
- virtual CORBA::Long degree ()=0
- virtual CORBA::Double minT ()=0
- virtual CORBA::Double maxT ()=0
- virtual PointR2 C (CORBA::Double t)=0
- virtual Polyline2d_ptr sampleC (CORBA::Long np)=0
- virtual CORBA::Double length (CORBA::Long np)=0
- virtual Polyline2d_ptr controlP ()=0
- virtual PointR2 center ()=0
- virtual CORBA::Long numP ()=0
- virtual PointR2 P (CORBA::Long i)=0
- virtual PointR2Seq * allP ()=0

Static Public Methods

- BSplineCurve_ptr _duplicate (BSplineCurve_ptr p)
- BSplineCurve_ptr _nil ()
- BSplineCurve_ptr _narrow (CORBA::Object_ptr)
- BSplineCurve_ptr _unchecked_narrow (CORBA::Object_ptr)
- BSplineCurve_ptr _narrow (CORBA::AbstractBase_ptr)
- BSplineCurve_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.3.1 Member Typedef Documentation

2.3.1.1 `typedef BSplineCurve_ptr HxCORBA::BSplineCurve::_ptr_type`

2.3.1.2 `typedef BSplineCurve_var HxCORBA::BSplineCurve::_var_type`

2.3.2 Constructor & Destructor Documentation

2.3.2.1 `HxCORBA::BSplineCurve::BSplineCurve () [inline]`

Reimplemented in `OBProxy_HxCORBA::BSplineCurve (p. ??)`.

2.3.2.2 `virtual HxCORBA::BSplineCurve::~~BSplineCurve () [inline, virtual]`

Reimplemented in `OBProxy_HxCORBA::BSplineCurve (p. ??)`.

2.3.3 Member Function Documentation

2.3.3.1 `BSplineCurve_ptr HxCORBA::BSplineCurve::_duplicate (BSplineCurve_ptr p) [inline, static]`

2.3.3.2 `BSplineCurve_ptr HxCORBA::BSplineCurve::_nil () [inline, static]`

2.3.3.3 `HxCORBA::BSplineCurve_ptr HxCORBA::BSplineCurve::_narrow (CORBA::Object_ptr p) [static]`

2.3.3.4 `HxCORBA::BSplineCurve_ptr HxCORBA::BSplineCurve::_unchecked_narrow (CORBA::Object_ptr p) [static]`

2.3.3.5 `HxCORBA::BSplineCurve_ptr HxCORBA::BSplineCurve::_narrow (CORBA::AbstractBase_ptr p) [static]`

2.3.3.6 `HxCORBA::BSplineCurve_ptr HxCORBA::BSplineCurve::_unchecked_narrow (CORBA::AbstractBase_ptr p) [static]`

2.3.3.7 `const char ** HxCORBA::BSplineCurve::_OB_staticIds () [static]`

2.3.3.8 `virtual BSplineType HxCORBA::BSplineCurve::curveType () [pure virtual]`

Reimplemented in `OBProxy_HxCORBA::BSplineCurve (p. ??)`.

2.3.3.9 `virtual CORBA::Long HxCORBA::BSplineCurve::degree () [pure virtual]`

Reimplemented in `OBProxy_HxCORBA::BSplineCurve (p. ??)`.

2.3.3.10 `virtual CORBA::Double HxCORBA::BSplineCurve::minT () [pure virtual]`

Reimplemented in `OBProxy_HxCORBA::BSplineCurve (p. ??)`.

2.3.3.11 virtual CORBA::Double HxCorba::BSplineCurve::maxT () [pure virtual]

Reimplemented in OBProxy_HxCorba::BSplineCurve (p. ??).

2.3.3.12 virtual PointR2 HxCorba::BSplineCurve::C (CORBA::Double *ob_a0*) [pure virtual]

Reimplemented in OBProxy_HxCorba::BSplineCurve (p. ??).

2.3.3.13 virtual Polyline2d_ptr HxCorba::BSplineCurve::sampleC (CORBA::Long *ob_a0*) [pure virtual]

Reimplemented in OBProxy_HxCorba::BSplineCurve (p. ??).

2.3.3.14 virtual CORBA::Double HxCorba::BSplineCurve::length (CORBA::Long *ob_a0*) [pure virtual]

Reimplemented in OBProxy_HxCorba::BSplineCurve (p. ??).

2.3.3.15 virtual Polyline2d_ptr HxCorba::BSplineCurve::controlP () [pure virtual]

Reimplemented in OBProxy_HxCorba::BSplineCurve (p. ??).

2.3.3.16 virtual PointR2 HxCorba::BSplineCurve::center () [pure virtual]

Reimplemented in OBProxy_HxCorba::BSplineCurve (p. ??).

2.3.3.17 virtual CORBA::Long HxCorba::BSplineCurve::numP () [pure virtual]

Reimplemented in OBProxy_HxCorba::BSplineCurve (p. ??).

2.3.3.18 virtual PointR2 HxCorba::BSplineCurve::P (CORBA::Long *ob_a0*) [pure virtual]

Reimplemented in OBProxy_HxCorba::BSplineCurve (p. ??).

2.3.3.19 virtual PointR2Seq* HxCorba::BSplineCurve::allP () [pure virtual]

Reimplemented in OBProxy_HxCorba::BSplineCurve (p. ??).

2.3.4 Member Data Documentation

2.3.4.1 const char * HxCorba::BSplineCurve::ids_ [static, protected]

Initial value:

```
{
    "IDL:HxCorba/BSplineCurve:1.0",
    0
}
```

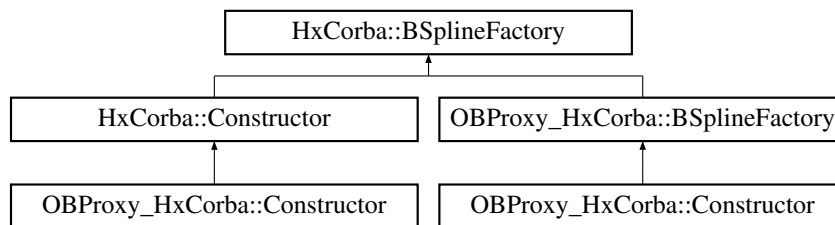
The documentation for this class was generated from the following files:

- HxCorbaBSplineCurve.h
- HxCorbaBSplineCurve.c

2.4 HxCorba::BSplineFactory Class Reference

```
#include <HxCorbaBSplineCurve.h>
```

Inheritance diagram for HxCorba::BSplineFactory::



Public Types

- typedef BSplineFactory_ptr _ptr_type
- typedef BSplineFactory_var _var_type

Public Methods

- BSplineFactory ()
- virtual ~BSplineFactory ()
- virtual BSplineCurve_ptr makeUniformBSpline (Polyline2d_ptr cp, CORBA::Long degree)=0
- virtual BSplineCurve_ptr makeInterpolatingBSpline (Polyline2d_ptr cp)=0
- virtual SampledBSplineCurve_ptr makeUniformSampledBSpline (Polyline2d_ptr cp, CORBA::Long degree, CORBA::Double distance)=0
- virtual SampledBSplineCurve_ptr makeInterpolatingSampledBSpline (Polyline2d_ptr cp, CORBA::Double distance)=0

Static Public Methods

- BSplineFactory_ptr _duplicate (BSplineFactory_ptr p)
- BSplineFactory_ptr _nil ()
- BSplineFactory_ptr _narrow (CORBA::Object_ptr)
- BSplineFactory_ptr _unchecked_narrow (CORBA::Object_ptr)
- BSplineFactory_ptr _narrow (CORBA::AbstractBase_ptr)
- BSplineFactory_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- `const char * ids_ []`

2.4.1 Member Typedef Documentation

2.4.1.1 `typedef BSplineFactory_ptr HxCorba::BSplineFactory::_ptr_type`

Reimplemented in `HxCorba::Constructor` (p. 42).

2.4.1.2 `typedef BSplineFactory_var HxCorba::BSplineFactory::_var_type`

Reimplemented in `HxCorba::Constructor` (p. 42).

2.4.2 Constructor & Destructor Documentation

2.4.2.1 `HxCorba::BSplineFactory::BSplineFactory () [inline]`

Reimplemented in `OBProxy_HxCorba::BSplineFactory` (p. ??).

2.4.2.2 `virtual HxCorba::BSplineFactory::~~BSplineFactory () [inline, virtual]`

Reimplemented in `OBProxy_HxCorba::BSplineFactory` (p. ??).

2.4.3 Member Function Documentation

2.4.3.1 `BSplineFactory_ptr HxCorba::BSplineFactory::_duplicate (BSplineFactory_ptr p) [inline, static]`

2.4.3.2 `BSplineFactory_ptr HxCorba::BSplineFactory::_nil () [inline, static]`

Reimplemented in `HxCorba::Constructor` (p. 42).

2.4.3.3 `HxCorba::BSplineFactory_ptr HxCorba::BSplineFactory::_narrow (CORBA::Object_ptr p) [static]`

Reimplemented in `HxCorba::Constructor` (p. 42).

2.4.3.4 `HxCorba::BSplineFactory_ptr HxCorba::BSplineFactory::_unchecked_narrow (CORBA::Object_ptr p) [static]`

Reimplemented in `HxCorba::Constructor` (p. 43).

2.4.3.5 `HxCorba::BSplineFactory_ptr HxCorba::BSplineFactory::_narrow (CORBA::AbstractBase_ptr p) [static]`

Reimplemented in `HxCorba::Constructor` (p. 43).

2.4.3.6 HxCorba::BSplineFactory_ptr HxCorba::BSplineFactory::unchecked_narrow (CORBA::AbstractBase_ptr *p*) [static]

Reimplemented in HxCorba::Constructor (p. 43).

2.4.3.7 const char ** HxCorba::BSplineFactory::OB_staticIds () [static]

Reimplemented in HxCorba::Constructor (p. 43).

2.4.3.8 virtual BSplineCurve_ptr HxCorba::BSplineFactory::makeUniformBSpline (Polyline2d_ptr *cp*, CORBA::Long *degree*) [pure virtual]

2.4.3.9 virtual BSplineCurve_ptr HxCorba::BSplineFactory::makeInterpolatingBSpline (Polyline2d_ptr *cp*) [pure virtual]

2.4.3.10 virtual SampledBSplineCurve_ptr HxCorba::BSplineFactory::makeUniformSampledBSpline (Polyline2d_ptr *cp*, CORBA::Long *degree*, CORBA::Double *distance*) [pure virtual]

2.4.3.11 virtual SampledBSplineCurve_ptr HxCorba::BSplineFactory::makeInterpolatingSampledBSpline (Polyline2d_ptr *cp*, CORBA::Double *distance*) [pure virtual]

2.4.4 Member Data Documentation

2.4.4.1 const char * HxCorba::BSplineFactory::ids_ [static, protected]

Initial value:

```
{
  "IDL:HxCorba/BSplineFactory:1.0",
  0
}
```

Reimplemented in HxCorba::Constructor (p. 43).

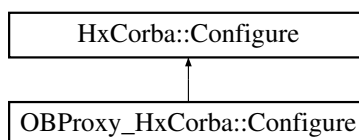
The documentation for this class was generated from the following files:

- HxCorbaBSplineCurve.h
- HxCorbaBSplineCurve.c

2.5 HxCorba::Configure Class Reference

```
#include <HxCorbaConfigure.h>
```

Inheritance diagram for HxCorba::Configure::



Public Types

- typedef Configure_ptr _ptr_type
- typedef Configure_var _var_type

Public Methods

- Configure ()
- virtual ~Configure ()
- virtual void shutdown ()=0
- virtual ObjectUsage_ptr getDefaultObjectUsage ()=0
- virtual ObjectUsage_ptr getObjectUsage (const char *name)=0
- virtual StringSeq * listObjectUsages ()=0

Static Public Methods

- Configure_ptr _duplicate (Configure_ptr p)
- Configure_ptr _nil ()
- Configure_ptr _narrow (CORBA::Object_ptr)
- Configure_ptr _unchecked_narrow (CORBA::Object_ptr)
- Configure_ptr _narrow (CORBA::AbstractBase_ptr)
- Configure_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.5.1 Member Typedef Documentation

2.5.1.1 typedef Configure_ptr HxCorba::Configure::_ptr_type

2.5.1.2 typedef Configure_var HxCorba::Configure::_var_type

2.5.2 Constructor & Destructor Documentation

2.5.2.1 HxCorba::Configure::Configure () [inline]

Reimplemented in OBProxy_HxCorba::Configure (p. ??).

2.5.2.2 virtual HxCorba::Configure::~~Configure () [inline, virtual]

Reimplemented in OBProxy_HxCorba::Configure (p. ??).

2.5.3 Member Function Documentation

2.5.3.1 `Configure_ptr HxCorba::Configure::duplicate (Configure_ptr p)` [`inline, static`]

2.5.3.2 `Configure_ptr HxCorba::Configure::nil ()` [`inline, static`]

2.5.3.3 `HxCorba::Configure_ptr HxCorba::Configure::narrow (CORBA::Object_ptr p)`
[`static`]

2.5.3.4 `HxCorba::Configure_ptr HxCorba::Configure::unchecked_narrow (CORBA::Object_ptr p)` [`static`]

2.5.3.5 `HxCorba::Configure_ptr HxCorba::Configure::narrow (CORBA::AbstractBase_ptr p)`
[`static`]

2.5.3.6 `HxCorba::Configure_ptr HxCorba::Configure::unchecked_narrow (CORBA::AbstractBase_ptr p)` [`static`]

2.5.3.7 `const char ** HxCorba::Configure::_OB_staticIds ()` [`static`]

2.5.3.8 `virtual void HxCorba::Configure::shutdown ()` [`pure virtual`]

Reimplemented in `OBProxy_HxCorba::Configure` (p. ??).

2.5.3.9 `virtual ObjectUsage_ptr HxCorba::Configure::getDefaultObjectUsage ()` [`pure virtual`]

Reimplemented in `OBProxy_HxCorba::Configure` (p. ??).

2.5.3.10 `virtual ObjectUsage_ptr HxCorba::Configure::getObjectUsage (const char * _ob_id)`
[`pure virtual`]

Reimplemented in `OBProxy_HxCorba::Configure` (p. ??).

2.5.3.11 `virtual StringSeq* HxCorba::Configure::listObjectUsages ()` [`pure virtual`]

Reimplemented in `OBProxy_HxCorba::Configure` (p. ??).

2.5.4 Member Data Documentation

2.5.4.1 `const char * HxCorba::Configure::ids_` [`static, protected`]

Initial value:

```
{
    "IDL:HxCorba/Configure:1.0",
    0
}
```

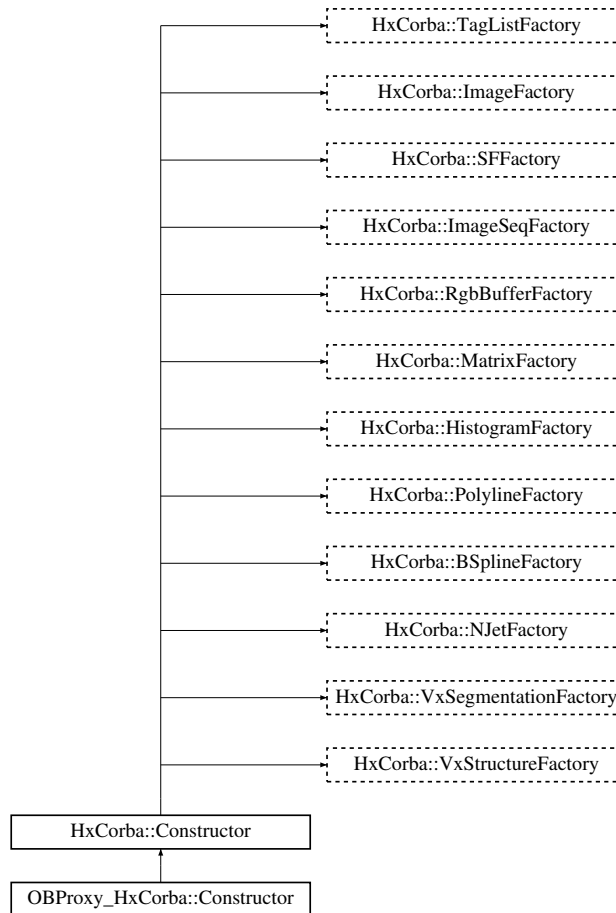
The documentation for this class was generated from the following files:

- HxCORBAConfigure.h
- HxCORBAConfigure.c

2.6 HxCORBA::Constructor Class Reference

```
#include <HxCORBAConstructor.h>
```

Inheritance diagram for HxCORBA::Constructor::



Public Types

- typedef Constructor_ptr_ptr_type
- typedef Constructor_var_var_type

Public Methods

- Constructor ()
- virtual ~Constructor ()
- virtual CORBA::Object_ptr getInitialObject (const char *name)=0
- virtual char * getLastErrorMessage ()=0

Static Public Methods

- `Constructor_ptr _duplicate (Constructor_ptr p)`
- `Constructor_ptr _nil ()`
- `Constructor_ptr _narrow (CORBA::Object_ptr)`
- `Constructor_ptr _unchecked_narrow (CORBA::Object_ptr)`
- `Constructor_ptr _narrow (CORBA::AbstractBase_ptr)`
- `Constructor_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)`
- `const char ** _OB_staticIds ()`

Static Protected Attributes

- `const char * ids_ []`

2.6.1 Member Typedef Documentation

2.6.1.1 `typedef Constructor_ptr HxCorba::Constructor::ptr_type`

Reimplemented from `HxCorba::BSplineFactory` (p. 37).

2.6.1.2 `typedef Constructor_var HxCorba::Constructor::var_type`

Reimplemented from `HxCorba::BSplineFactory` (p. 37).

2.6.2 Constructor & Destructor Documentation

2.6.2.1 `HxCorba::Constructor::Constructor () [inline]`

Reimplemented in `OBProxy_HxCorba::Constructor` (p. ??).

2.6.2.2 `virtual HxCorba::Constructor::~~Constructor () [inline, virtual]`

Reimplemented in `OBProxy_HxCorba::Constructor` (p. ??).

2.6.3 Member Function Documentation

2.6.3.1 `Constructor_ptr HxCorba::Constructor::_duplicate (Constructor_ptr p) [inline, static]`

2.6.3.2 `Constructor_ptr HxCorba::Constructor::_nil () [inline, static]`

Reimplemented from `HxCorba::BSplineFactory` (p. 37).

2.6.3.3 `HxCorba::Constructor_ptr HxCorba::Constructor::_narrow (CORBA::Object_ptr p) [static]`

Reimplemented from `HxCorba::BSplineFactory` (p. 37).

2.6.3.4 `HxCorba::Constructor_ptr HxCorba::Constructor::unchecked_narrow (CORBA::Object_ptr p) [static]`

Reimplemented from `HxCorba::BSplineFactory` (p. 37).

2.6.3.5 `HxCorba::Constructor_ptr HxCorba::Constructor::narrow (CORBA::AbstractBase_ptr p) [static]`

Reimplemented from `HxCorba::BSplineFactory` (p. 37).

2.6.3.6 `HxCorba::Constructor_ptr HxCorba::Constructor::unchecked_narrow (CORBA::AbstractBase_ptr p) [static]`

Reimplemented from `HxCorba::BSplineFactory` (p. 38).

2.6.3.7 `const char ** HxCorba::Constructor::OB_staticIds () [static]`

Reimplemented from `HxCorba::BSplineFactory` (p. 38).

2.6.3.8 `virtual CORBA::Object_ptr HxCorba::Constructor::getInitialObject (const char * ob_id) [pure virtual]`

Reimplemented in `OBProxy_HxCorba::Constructor` (p. ??).

2.6.3.9 `virtual char* HxCorba::Constructor::getLastError () [pure virtual]`

Reimplemented in `OBProxy_HxCorba::Constructor` (p. ??).

2.6.4 Member Data Documentation

2.6.4.1 `const char * HxCorba::Constructor::ids_ [static, protected]`

Initial value:

```
{
    "IDL:HxCorba/Constructor:1.0",
    "IDL:HxCorba/TagListFactory:1.0",
    "IDL:HxCorba/ImageFactory:1.0",
    "IDL:HxCorba/SFFactory:1.0",
    "IDL:HxCorba/ImageSeqFactory:1.0",
    "IDL:HxCorba/RgbBufferFactory:1.0",
    "IDL:HxCorba/MatrixFactory:1.0",
    "IDL:HxCorba/HistogramFactory:1.0",
    "IDL:HxCorba/PolylineFactory:1.0",
    "IDL:HxCorba/BSplineFactory:1.0",
    "IDL:HxCorba/NJetFactory:1.0",
    "IDL:HxCorba/VxSegmentationFactory:1.0",
    "IDL:HxCorba/VxStructureFactory:1.0",
    0
}
```

Reimplemented from HxCorba::BSplineFactory (p. 38).

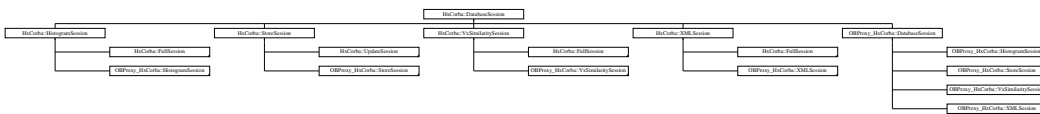
The documentation for this class was generated from the following files:

- HxCorbaConstructor.h
- HxCorbaConstructor.c

2.7 HxCorba::DatabaseSession Class Reference

```
#include <HxCorbaDatabase.h>
```

Inheritance diagram for HxCorba::DatabaseSession:



Public Types

- `typedef DatabaseSession_ptr _ptr_type`
- `typedef DatabaseSession_var _var_type`

Public Methods

- `DatabaseSession ()`
- `virtual ~DatabaseSession ()`
- `virtual StringSeq * listVideos ()=0`
- `virtual StringSeq * listSegmentations (const char *videoName)=0`
- `virtual VxSegmentation_ptr getSegmentation (const char *videoName, const char *segmentName)=0`
- `virtual VxSegmentSeq * querySegments (const char *sqlQuery)=0`
- `virtual StringSeq * queryStrings (const char *sqlQuery)=0`
- `virtual SegmentQueryResultSeq * queryMultipleSegments (const char *sqlQuery)=0`
- `virtual void close ()=0`

Static Public Methods

- `DatabaseSession_ptr _duplicate (DatabaseSession_ptr p)`
- `DatabaseSession_ptr _nil ()`
- `DatabaseSession_ptr _narrow (CORBA::Object_ptr)`
- `DatabaseSession_ptr _unchecked_narrow (CORBA::Object_ptr)`
- `DatabaseSession_ptr _narrow (CORBA::AbstractBase_ptr)`
- `DatabaseSession_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)`
- `const char ** _OB_staticIds ()`

Static Protected Attributes

- `const char * ids_ []`

2.7.1 Member Typedef Documentation

2.7.1.1 typedef DatabaseSession_ptr HxCorba::DatabaseSession::ptr_type

Reimplemented in [HxCorba::StoreSession](#) (p. 159), [HxCorba::UpdateSession](#) (p. 172), [HxCorba::XMLSession](#) (p. 221), [HxCorba::HistogramSession](#) (p. 81), [HxCorba::VxSimilaritySession](#) (p. 209), and [HxCorba::FullSession](#) (p. 50).

2.7.1.2 typedef DatabaseSession_var HxCorba::DatabaseSession::var_type

Reimplemented in [HxCorba::StoreSession](#) (p. 159), [HxCorba::UpdateSession](#) (p. 172), [HxCorba::XMLSession](#) (p. 222), [HxCorba::HistogramSession](#) (p. 82), [HxCorba::VxSimilaritySession](#) (p. 209), and [HxCorba::FullSession](#) (p. 50).

2.7.2 Constructor & Destructor Documentation

2.7.2.1 HxCorba::DatabaseSession::DatabaseSession() [inline]

Reimplemented in [OBProxy_HxCorba::DatabaseSession](#) (p. ??).

2.7.2.2 virtual HxCorba::DatabaseSession::~~DatabaseSession() [inline, virtual]

Reimplemented in [OBProxy_HxCorba::DatabaseSession](#) (p. ??).

2.7.3 Member Function Documentation

2.7.3.1 DatabaseSession_ptr HxCorba::DatabaseSession::_duplicate (DatabaseSession_ptr p) [inline, static]

2.7.3.2 DatabaseSession_ptr HxCorba::DatabaseSession::_nil () [inline, static]

Reimplemented in [HxCorba::StoreSession](#) (p. 160), [HxCorba::UpdateSession](#) (p. 172), [HxCorba::XMLSession](#) (p. 222), [HxCorba::HistogramSession](#) (p. 82), [HxCorba::VxSimilaritySession](#) (p. 210), and [HxCorba::FullSession](#) (p. 51).

2.7.3.3 HxCorba::DatabaseSession_ptr HxCorba::DatabaseSession::_narrow (CORBA::Object_ptr p) [static]

Reimplemented in [HxCorba::StoreSession](#) (p. 160), [HxCorba::UpdateSession](#) (p. 172), [HxCorba::XMLSession](#) (p. 222), [HxCorba::HistogramSession](#) (p. 82), [HxCorba::VxSimilaritySession](#) (p. 210), and [HxCorba::FullSession](#) (p. 51).

2.7.3.4 HxCorba::DatabaseSession_ptr HxCorba::DatabaseSession::_unchecked_narrow (CORBA::Object_ptr p) [static]

Reimplemented in [HxCorba::StoreSession](#) (p. 160), [HxCorba::UpdateSession](#) (p. 172), [HxCorba::XMLSession](#) (p. 222), [HxCorba::HistogramSession](#) (p. 82), [HxCorba::VxSimilaritySession](#) (p. 210), and [HxCorba::FullSession](#) (p. 51).

2.7.3.5 HxCorba::DatabaseSession_ptr HxCorba::DatabaseSession::_narrow
(CORBA::AbstractBase_ptr p) [static]

Reimplemented in HxCorba::StoreSession (p. 160), HxCorba::UpdateSession (p. 173), HxCorba::XMLSession (p. 222), HxCorba::HistogramSession (p. 82), HxCorba::VxSimilaritySession (p. 210), and HxCorba::FullSession (p. 51).

2.7.3.6 HxCorba::DatabaseSession_ptr HxCorba::DatabaseSession::_unchecked_narrow
(CORBA::AbstractBase_ptr p) [static]

Reimplemented in HxCorba::StoreSession (p. 160), HxCorba::UpdateSession (p. 173), HxCorba::XMLSession (p. 223), HxCorba::HistogramSession (p. 83), HxCorba::VxSimilaritySession (p. 210), and HxCorba::FullSession (p. 51).

2.7.3.7 const char ** HxCorba::DatabaseSession::_OB_staticIds () [static]

Reimplemented in HxCorba::StoreSession (p. 160), HxCorba::UpdateSession (p. 173), HxCorba::XMLSession (p. 223), HxCorba::HistogramSession (p. 83), HxCorba::VxSimilaritySession (p. 211), and HxCorba::FullSession (p. 51).

2.7.3.8 virtual StringSeq* HxCorba::DatabaseSession::listVideos () [pure virtual]

Reimplemented in OBProxy_HxCorba::DatabaseSession (p. ??).

2.7.3.9 virtual StringSeq* HxCorba::DatabaseSession::listSegmentations (const char * _ob_a0)
[pure virtual]

Reimplemented in OBProxy_HxCorba::DatabaseSession (p. ??).

2.7.3.10 virtual VxSegmentation_ptr HxCorba::DatabaseSession::getSegmentation (const char * _ob_a0, const char * _ob_a1) [pure virtual]

Reimplemented in OBProxy_HxCorba::DatabaseSession (p. ??).

2.7.3.11 virtual VxSegmentSeq* HxCorba::DatabaseSession::querySegments (const char * _ob_a0) [pure virtual]

Reimplemented in OBProxy_HxCorba::DatabaseSession (p. ??).

2.7.3.12 virtual StringSeq* HxCorba::DatabaseSession::queryStrings (const char * _ob_a0)
[pure virtual]

Reimplemented in OBProxy_HxCorba::DatabaseSession (p. ??).

2.7.3.13 virtual SegmentQueryResultSeq* HxCorba::DatabaseSession::queryMultipleSegments (const char * _ob_a0) [pure virtual]

Reimplemented in OBProxy_HxCorba::DatabaseSession (p. ??).

2.7.3.14 `virtual void HxCorba::DatabaseSession::close()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::DatabaseSession` (p. ??).

2.7.4 Member Data Documentation

2.7.4.1 `const char * HxCorba::DatabaseSession::ids_` [static, protected]

Initial value:

```
{
    "IDL:HxCorba/DatabaseSession:1.0",
    0
}
```

Reimplemented in `HxCorba::StoreSession` (p. 161), `HxCorba::UpdateSession` (p. 173), `HxCorba::XMLSession` (p. 223), `HxCorba::HistogramSession` (p. 83), `HxCorba::VxSimilaritySession` (p. 211), and `HxCorba::FullSession` (p. 52).

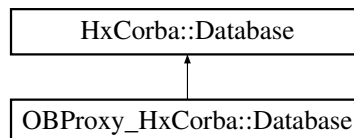
The documentation for this class was generated from the following files:

- `HxCorbaDatabase.h`
- `HxCorbaDatabase.c`

2.8 HxCorba::Database Class Reference

```
#include <HxCorbaDatabase.h>
```

Inheritance diagram for `HxCorba::Database`:



Public Types

- `typedef Database_ptr _ptr_type`
- `typedef Database_var _var_type`

Public Methods

- `Database()`
- `virtual ~Database()`
- `virtual DatabaseSession_ptr openSession(const char *username, const char *password)=0`

Static Public Methods

- Database_ptr _duplicate (Database_ptr p)
- Database_ptr _nil ()
- Database_ptr _narrow (CORBA::Object_ptr)
- Database_ptr _unchecked_narrow (CORBA::Object_ptr)
- Database_ptr _narrow (CORBA::AbstractBase_ptr)
- Database_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.8.1 Member Typedef Documentation

2.8.1.1 typedef Database_ptr HxCorba::Database::_ptr_type

2.8.1.2 typedef Database_var HxCorba::Database::_var_type

2.8.2 Constructor & Destructor Documentation

2.8.2.1 HxCorba::Database::Database () [inline]

Reimplemented in OBProxy_HxCorba::Database (p. ??).

2.8.2.2 virtual HxCorba::Database::~~Database () [inline, virtual]

Reimplemented in OBProxy_HxCorba::Database (p. ??).

2.8.3 Member Function Documentation

2.8.3.1 Database_ptr HxCorba::Database::duplicate (Database_ptr *p*) [inline, static]

2.8.3.2 Database_ptr HxCorba::Database::nil () [inline, static]

2.8.3.3 HxCorba::Database_ptr HxCorba::Database::narrow (CORBA::Object_ptr *p*) [static]

2.8.3.4 HxCorba::Database_ptr HxCorba::Database::unchecked_narrow (CORBA::Object_ptr *p*) [static]

2.8.3.5 HxCorba::Database_ptr HxCorba::Database::narrow (CORBA::AbstractBase_ptr *p*) [static]

2.8.3.6 HxCorba::Database_ptr HxCorba::Database::unchecked_narrow (CORBA::AbstractBase_ptr *p*) [static]

2.8.3.7 const char ** HxCorba::Database::_OB_staticIds () [static]

2.8.3.8 virtual DatabaseSession_ptr HxCorba::Database::openSession (const char * *_ob_a0*, const char * *_ob_a1*) [pure virtual]

Reimplemented in OBProxy_HxCorba::Database (p. ??).

2.8.4 Member Data Documentation

2.8.4.1 const char * HxCorba::Database::ids_ [static, protected]

Initial value:

```
{
  "IDL:HxCorba/Database:1.0",
  0
}
```

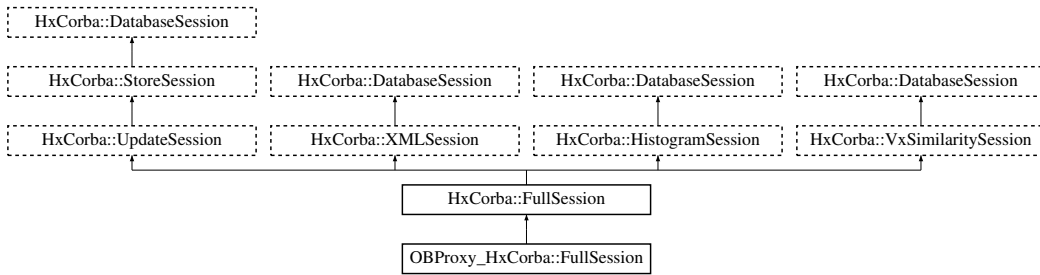
The documentation for this class was generated from the following files:

- HxCorbaDatabase.h
- HxCorbaDatabase.c

2.9 HxCorba::FullSession Class Reference

```
#include <HxCorbaDatabaseSessions.h>
```

Inheritance diagram for HxCorba::FullSession::



Public Types

- typedef FullSession_ptr _ptr_type
- typedef FullSession_var _var_type

Public Methods

- FullSession ()
- virtual ~FullSession ()

Static Public Methods

- FullSession_ptr _duplicate (FullSession_ptr p)
- FullSession_ptr _nil ()
- FullSession_ptr _narrow (CORBA::Object_ptr)
- FullSession_ptr _unchecked_narrow (CORBA::Object_ptr)
- FullSession_ptr _narrow (CORBA::AbstractBase_ptr)
- FullSession_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.9.1 Member Typedef Documentation

2.9.1.1 typedef FullSession_ptr HxCORBA::FullSession::_ptr_type

Reimplemented from HxCORBA::UpdateSession (p. 172).

2.9.1.2 typedef FullSession_var HxCORBA::FullSession::_var_type

Reimplemented from HxCORBA::UpdateSession (p. 172).

2.9.2 Constructor & Destructor Documentation

2.9.2.1 `HxCorba::FullSession::FullSession ()` [`inline`]

Reimplemented in `OBProxy_HxCorba::FullSession` (p. ??).

2.9.2.2 `virtual HxCorba::FullSession::~~FullSession ()` [`inline`, `virtual`]

Reimplemented in `OBProxy_HxCorba::FullSession` (p. ??).

2.9.3 Member Function Documentation

2.9.3.1 `FullSession_ptr HxCorba::FullSession::_duplicate (FullSession_ptr p)` [`inline`, `static`]

2.9.3.2 `FullSession_ptr HxCorba::FullSession::_nil ()` [`inline`, `static`]

Reimplemented from `HxCorba::UpdateSession` (p. 172).

2.9.3.3 `HxCorba::FullSession_ptr HxCorba::FullSession::_narrow (CORBA::Object_ptr p)` [`static`]

Reimplemented from `HxCorba::UpdateSession` (p. 172).

2.9.3.4 `HxCorba::FullSession_ptr HxCorba::FullSession::_unchecked_narrow (CORBA::Object_ptr p)` [`static`]

Reimplemented from `HxCorba::UpdateSession` (p. 172).

2.9.3.5 `HxCorba::FullSession_ptr HxCorba::FullSession::_narrow (CORBA::AbstractBase_ptr p)` [`static`]

Reimplemented from `HxCorba::UpdateSession` (p. 173).

2.9.3.6 `HxCorba::FullSession_ptr HxCorba::FullSession::_unchecked_narrow (CORBA::AbstractBase_ptr p)` [`static`]

Reimplemented from `HxCorba::UpdateSession` (p. 173).

2.9.3.7 `const char ** HxCorba::FullSession::_OB_staticIds ()` [`static`]

Reimplemented from `HxCorba::UpdateSession` (p. 173).

2.9.4 Member Data Documentation

2.9.4.1 `const char * HxCorba::FullSession::ids_` [static, protected]

Initial value:

```
{
  "IDL:HxCorba/FullSession:1.0",
  "IDL:HxCorba/DatabaseSession:1.0",
  "IDL:HxCorba/StoreSession:1.0",
  "IDL:HxCorba/UpdateSession:1.0",
  "IDL:HxCorba/XMLSession:1.0",
  "IDL:HxCorba/HistogramSession:1.0",
  "IDL:HxCorba/VxSimilaritySession:1.0",
  0
}
```

Reimplemented from `HxCorba::UpdateSession` (p. 173).

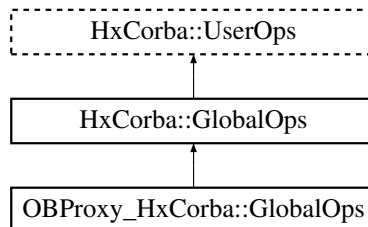
The documentation for this class was generated from the following files:

- `HxCorbaDatabaseSessions.h`
- `HxCorbaDatabaseSessions.c`

2.10 HxCorba::GlobalOps Class Reference

```
#include <HxCorbaGlobalOps.h>
```

Inheritance diagram for `HxCorba::GlobalOps`:



Public Types

- `typedef GlobalOps_ptr _ptr_type`
- `typedef GlobalOps_var _var_type`

Public Methods

- `GlobalOps ()`
- `virtual ~GlobalOps ()`
- `virtual ImageRep_ptr HxAbs (ImageRep_ptr im)=0`
- `virtual ImageRep_ptr HxCeil (ImageRep_ptr im)=0`
- `virtual ImageRep_ptr HxComplement (ImageRep_ptr im)=0`
- `virtual ImageRep_ptr HxExp (ImageRep_ptr im)=0`

- virtual ImageRep_ptr HxFloor (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxLog (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxLog10 (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxNegate (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxNorm1 (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxNorm2 (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxNormInf (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxProjectRange (ImageRep_ptr im, CORBA::Long dimension)=0
- virtual ImageRep_ptr HxReciprocal (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxSqrt (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxRound (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxUnaryMax (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxUnaryMin (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxUnaryProduct (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxUnarySum (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxAcos (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxAsin (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxAtan (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxAtan2 (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxCos (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxCosh (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxSin (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxSinh (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxTan (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxTanh (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxArg (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxConjugate (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxAdd (ImageRep_ptr im1, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxAddSat (ImageRep_ptr im1, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxAnd (ImageRep_ptr im1, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxCross (ImageRep_ptr im1, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxDiv (ImageRep_ptr im1, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxDot (ImageRep_ptr im1, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxEqual (ImageRep_ptr im1, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxGreaterEqual (ImageRep_ptr im1, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxGreaterThan (ImageRep_ptr im1, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxInf (ImageRep_ptr im1, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxInverseProjectRange (ImageRep_ptr im1, CORBA::Long dimension, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxLeftShift (ImageRep_ptr im1, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxLessEqual (ImageRep_ptr im1, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxLessThan (ImageRep_ptr im1, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxMax (ImageRep_ptr im1, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxMin (ImageRep_ptr im1, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxMod (ImageRep_ptr im1, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxMul (ImageRep_ptr im1, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxNotEqual (ImageRep_ptr im1, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxOr (ImageRep_ptr im1, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxPow (ImageRep_ptr im1, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxRightShift (ImageRep_ptr im1, ImageRep_ptr im2)=0

- virtual ImageRep_ptr HxSub (ImageRep_ptr im1, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxSubSat (ImageRep_ptr im1, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxSup (ImageRep_ptr im1, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxXor (ImageRep_ptr im1, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxAddVal (ImageRep_ptr im, const PixValue &val)=0
- virtual ImageRep_ptr HxAndVal (ImageRep_ptr im, const PixValue &val)=0
- virtual ImageRep_ptr HxCrossVal (ImageRep_ptr im, const PixValue &val)=0
- virtual ImageRep_ptr HxDivVal (ImageRep_ptr im, const PixValue &val)=0
- virtual ImageRep_ptr HxDotVal (ImageRep_ptr im, const PixValue &val)=0
- virtual ImageRep_ptr HxEqualVal (ImageRep_ptr im, const PixValue &val)=0
- virtual ImageRep_ptr HxGreaterEqualVal (ImageRep_ptr im, const PixValue &val)=0
- virtual ImageRep_ptr HxGreaterThanVal (ImageRep_ptr im, const PixValue &val)=0
- virtual ImageRep_ptr HxInfVal (ImageRep_ptr im, const PixValue &val)=0
- virtual ImageRep_ptr HxLeftShiftVal (ImageRep_ptr im, const PixValue &val)=0
- virtual ImageRep_ptr HxLessEqualVal (ImageRep_ptr im, const PixValue &val)=0
- virtual ImageRep_ptr HxLessThanVal (ImageRep_ptr im, const PixValue &val)=0
- virtual ImageRep_ptr HxMaxVal (ImageRep_ptr im, const PixValue &val)=0
- virtual ImageRep_ptr HxMinVal (ImageRep_ptr im, const PixValue &val)=0
- virtual ImageRep_ptr HxModVal (ImageRep_ptr im, const PixValue &val)=0
- virtual ImageRep_ptr HxMulVal (ImageRep_ptr im, const PixValue &val)=0
- virtual ImageRep_ptr HxNotEqualVal (ImageRep_ptr im, const PixValue &val)=0
- virtual ImageRep_ptr HxOrVal (ImageRep_ptr im, const PixValue &val)=0
- virtual ImageRep_ptr HxPowVal (ImageRep_ptr im, const PixValue &val)=0
- virtual ImageRep_ptr HxRightShiftVal (ImageRep_ptr im, const PixValue &val)=0
- virtual ImageRep_ptr HxSubVal (ImageRep_ptr im, const PixValue &val)=0
- virtual ImageRep_ptr HxSupVal (ImageRep_ptr im, const PixValue &val)=0
- virtual ImageRep_ptr HxXorVal (ImageRep_ptr im, const PixValue &val)=0
- virtual PixValue HxPixInf (ImageRep_ptr im)=0
- virtual PixValue HxPixMax (ImageRep_ptr im)=0
- virtual PixValue HxPixMin (ImageRep_ptr im)=0
- virtual PixValue HxPixProduct (ImageRep_ptr im)=0
- virtual PixValue HxPixSum (ImageRep_ptr im)=0
- virtual PixValue HxPixSup (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxImageAsByte (ImageRep_ptr img)=0
- virtual ImageRep_ptr HxImageAsDouble (ImageRep_ptr img)=0
- virtual ImageRep_ptr HxImageAsFloat (ImageRep_ptr img)=0
- virtual ImageRep_ptr HxImageAsShort (ImageRep_ptr img)=0
- virtual ImageRep_ptr HxImageAsVec2Byte (ImageRep_ptr img)=0
- virtual ImageRep_ptr HxImageAsVec2Double (ImageRep_ptr img)=0
- virtual ImageRep_ptr HxImageAsVec2Float (ImageRep_ptr img)=0
- virtual ImageRep_ptr HxImageAsVec2Int (ImageRep_ptr img)=0
- virtual ImageRep_ptr HxImageAsVec2Short (ImageRep_ptr img)=0
- virtual ImageRep_ptr HxImageAsVec3Byte (ImageRep_ptr img)=0
- virtual ImageRep_ptr HxImageAsVec3Double (ImageRep_ptr img)=0
- virtual ImageRep_ptr HxImageAsVec3Float (ImageRep_ptr img)=0
- virtual ImageRep_ptr HxImageAsVec3Int (ImageRep_ptr img)=0
- virtual ImageRep_ptr HxImageAsVec3Short (ImageRep_ptr img)=0
- virtual ImageRep_ptr HxImageAsComplex (ImageRep_ptr img)=0
- virtual ImageRep_ptr HxColorSpace (ImageRep_ptr im, ColorModel fromColorSpace, ColorModel toColorSpace)=0

- virtual ImageRep_ptr HxAffinePix (ImageRep_ptr im, const PixValue &v1, const PixValue &v2, const PixValue &v3)=0
- virtual ImageRep_ptr HxRGB2Intensity (ImageRep_ptr im)=0
- virtual Histogram_ptr HxGreyEdgeHistogram (ImageRep_ptr objImage, CORBA::Double sigma, CORBA::Double threshold)=0
- virtual Histogram_ptr HxHistogramFromFile (const char *fileName)=0
- virtual Histogram_ptr HxImageToHistogram (ImageRep_ptr im, CORBA::Long getDim, CORBA::Double lowBin, CORBA::Double highBin, CORBA::Long nBin)=0
- virtual Histogram_ptr HxImageToHistogramMask (ImageRep_ptr im, CORBA::Long getDim, CORBA::Double lowBin, CORBA::Double highBin, CORBA::Long nBin, ImageRep_ptr mask, CORBA::Long maskVal)=0
- virtual Blob2dSet * HxLabelBlobs (ImageRep_ptr image, ImageRep_ptr mask, CORBA::Long minimalBlobArea)=0
- virtual ImageRep_ptr HxHighlightRegion (ImageRep_ptr im, ImageRep_ptr mask, CORBA::Long label, CORBA::Double factor)=0
- virtual void HxExportMatlabPixels (ImageRep_ptr im, DoubleSeq &pixels)=0
- virtual CORBA::Boolean HxWriteFile (ImageRep_ptr im, const char *fileName)=0
- virtual CORBA::Boolean HxImagesToFile (const ImageList &ims, const char *fileName)=0
- virtual ImageRep_ptr HxCannyEdgeMap (ImageRep_ptr img, CORBA::Double sigma)=0
- virtual ImageRep_ptr HxCannyThreshold (ImageRep_ptr img, CORBA::Double sigma, CORBA::Double level)=0
- virtual ImageRep_ptr HxCannyThresholdAlt (ImageRep_ptr img, CORBA::Double sigma, CORBA::Double level)=0
- virtual ImageRep_ptr HxCannyThresholdRec (ImageRep_ptr img, CORBA::Double sigma, CORBA::Double level)=0
- virtual ImageRep_ptr HxConvGauss2d (ImageRep_ptr img, CORBA::Double sigmax, CORBA::Long orderDerivx, CORBA::Double accuracyx, CORBA::Double sigmay, CORBA::Long orderDerivy, CORBA::Double accuracyy)=0
- virtual ImageRep_ptr HxConvGauss3d (ImageRep_ptr img, CORBA::Double sigmax, CORBA::Long orderDerivx, CORBA::Double accuracyx, CORBA::Double sigmay, CORBA::Long orderDerivy, CORBA::Double accuracyy, CORBA::Double sigmaz, CORBA::Long orderDerivz, CORBA::Double accuracyz)=0
- virtual ImageRep_ptr HxConvKernelSeparated (ImageRep_ptr im, ImageRep_ptr kernel, ResultPrecision resPrec)=0
- virtual ImageRep_ptr HxConvKernelSeparated2d (ImageRep_ptr img, ImageRep_ptr kernelX, ImageRep_ptr kernelY, ResultPrecision resPrec)=0
- virtual ImageRep_ptr HxConvolution (ImageRep_ptr im, ImageRep_ptr kernel, ResultPrecision resPrec)=0
- virtual ImageRep_ptr HxDefuz (ImageRep_ptr im, CORBA::Long windowSzX, CORBA::Long windowSzY, CORBA::Double thr)=0
- virtual ImageRep_ptr HxDistanceTransform (ImageRep_ptr img)=0
- virtual ImageRep_ptr HxGauss (ImageRep_ptr img, CORBA::Double sigma, CORBA::Double accuracy)=0
- virtual ImageRep_ptr HxGaussDerivative2d (ImageRep_ptr img, CORBA::Double sigma, CORBA::Long orderDerivx, CORBA::Long orderDerivy, CORBA::Double accuracy)=0
- virtual ImageRep_ptr HxGaussDerivative3d (ImageRep_ptr img, CORBA::Double sigma, CORBA::Long orderDerivx, CORBA::Long orderDerivy, CORBA::Long orderDerivz, CORBA::Double accuracy)=0
- virtual ImageRep_ptr HxGaussianDeblur (ImageRep_ptr im, CORBA::Double dr, CORBA::Double dc)=0
- virtual ImageRep_ptr HxKuwahara (ImageRep_ptr im, CORBA::Long width, CORBA::Long height)=0

- virtual ImageRep_ptr HxLocalMode (ImageRep_ptr f, ImageRep_ptr g, CORBA::Long nr, CORBA::Double sigmax, CORBA::Double sigmay, CORBA::Double sigmaval, const Sizes &ngbSize)=0
- virtual ImageRep_ptr HxNormalizedCorrelation (ImageRep_ptr im, ImageRep_ptr kernel)=0
- virtual ImageRep_ptr HxPercentile (ImageRep_ptr im, CORBA::Long neighSize, CORBA::Double perc)=0
- virtual ImageRep_ptr HxRecGauss (ImageRep_ptr im, CORBA::Double sx, CORBA::Double sy, CORBA::Long dx, CORBA::Long dy, CORBA::Long recurOrder)=0
- virtual ImageRep_ptr HxUniform (ImageRep_ptr im, const Sizes &size)=0
- virtual ImageRep_ptr HxUniformNonSep (ImageRep_ptr im, const Sizes &size)=0
- virtual ImageRep_ptr HxMakeFrom2Images (ImageRep_ptr i1, ImageRep_ptr i2)=0
- virtual ImageRep_ptr HxMakeFrom3Images (ImageRep_ptr i1, ImageRep_ptr i2, ImageRep_ptr i3)=0
- virtual ImageRep_ptr HxMakeFromByteData (CORBA::Long pixelDimensionality, CORBA::Long dimensions, const Sizes &size, const OctetSeq &data)=0
- virtual ImageRep_ptr HxMakeFromDoubleData (CORBA::Long pixelDimensionality, CORBA::Long dimensions, const Sizes &size, const DoubleSeq &data)=0
- virtual ImageRep_ptr HxMakeFromFile (const char *fileName)=0
- virtual ImageRep_ptr HxMakeFromFloatData (CORBA::Long pixelDimensionality, CORBA::Long dimensions, const Sizes &size, const FloatSeq &data)=0
- virtual ImageRep_ptr HxMakeFromGrayValue (ImageSignature signature, const Sizes &size, const OctetSeq &pixels)=0
- virtual ImageRep_ptr HxMakeFromImage (ImageSignature signature, ImageRep_ptr src)=0
- virtual ImageRep_ptr HxMakeFromImport (ImageSignature signature, const Sizes &size, const char *importOp, TagList_ptr tags)=0
- virtual ImageRep_ptr HxMakeFromIntData (CORBA::Long pixelDimensionality, CORBA::Long dimensions, const Sizes &size, const LongSeq &data)=0
- virtual ImageRep_ptr HxMakeFromJavaRgb (ImageSignature signature, const Sizes &size, const LongSeq &pixels)=0
- virtual ImageRep_ptr HxMakeFromMatlab (ImageSignature signature, const Sizes &size, const DoubleSeq &pixels)=0
- virtual ImageRep_ptr HxMakeFromNamedGenerator (ImageSignature signature, const char *generatorName, TagList_ptr tags)=0
- virtual ImageRep_ptr HxMakeFromPpmPixels (ImageSignature signature, const Sizes &size, const OctetSeq &pixels)=0
- virtual ImageRep_ptr HxMakeFromShortData (CORBA::Long pixelDimensionality, CORBA::Long dimensions, const Sizes &size, const ShortSeq &data)=0
- virtual ImageRep_ptr HxMakeFromSignature (ImageSignature signature, const Sizes &size)=0
- virtual ImageRep_ptr HxMakeFromValue (ImageSignature signature, const Sizes &size, const PixValue &val)=0
- virtual ImageRep_ptr HxMakeGaussian1d (CORBA::Double sigma, CORBA::Long deri, CORBA::Double accuracy, CORBA::Long maxfsize, CORBA::Long fsize)=0
- virtual ImageRep_ptr HxMakeParabola1d (CORBA::Double rho, CORBA::Double accuracy, CORBA::Long maxfsize, CORBA::Long fsize)=0
- virtual ImageList * HxImagesFromFile (const char *fileName)=0
- virtual ImageRep_ptr HxExtend (ImageRep_ptr img, ImageRep_ptr background, const Point &begin)=0
- virtual ImageRep_ptr HxExtendVal (ImageRep_ptr img, const Sizes &newSize, const PixValue &background, const Point &begin)=0
- virtual ImageRep_ptr HxReflect (ImageRep_ptr img, CORBA::Long doX, CORBA::Long doY, CORBA::Long doZ)=0

- virtual ImageRep_ptr HxRestrict (ImageRep_ptr img, const Point &begin, const Point &end)=0
- virtual ImageRep_ptr HxRotate (ImageRep_ptr img, CORBA::Double alpha, GeoIntType gi, CORBA::Long adjustSize, const PixValue &background)=0
- virtual ImageRep_ptr HxScale (ImageRep_ptr img, CORBA::Double sx, CORBA::Double sy, CORBA::Double sz, GeoIntType gi, CORBA::Long adjustSize)=0
- virtual ImageRep_ptr HxTranslate (ImageRep_ptr img, CORBA::Long sx, CORBA::Long sy, CORBA::Long sz)=0
- virtual ImageRep_ptr HxTranspose (ImageRep_ptr img)=0
- virtual CORBA::Long HxImageMaxSize (ImageRep_ptr img)=0
- virtual CORBA::Long HxImageMinSize (ImageRep_ptr img)=0
- virtual PixValue HxIdentMaskMean (ImageRep_ptr im, ImageRep_ptr mask, const Point &p, const Sizes &size, CORBA::Long label)=0
- virtual PixValue HxIdentMaskMedian (ImageRep_ptr im, ImageRep_ptr mask, const Point &p, const Sizes &size, CORBA::Long label)=0
- virtual PixValue HxIdentMaskStDev (ImageRep_ptr im, ImageRep_ptr mask, const Point &p, const Sizes &size, CORBA::Long label)=0
- virtual PixValue HxIdentMaskSum (ImageRep_ptr im, ImageRep_ptr mask, const Point &p, const Sizes &size, CORBA::Long label)=0
- virtual PixValue HxIdentMaskVariance (ImageRep_ptr im, ImageRep_ptr mask, const Point &p, const Sizes &size, CORBA::Long label)=0
- virtual PixValue HxWeightMaskSum (ImageRep_ptr im, ImageRep_ptr mask, const Point &p)=0
- virtual ImageRep_ptr HxAreaClosing (ImageRep_ptr im, CORBA::Long conn, CORBA::Long minarea)=0
- virtual ImageRep_ptr HxAreaOpening (ImageRep_ptr im, CORBA::Long conn, CORBA::Long area)=0
- virtual ImageRep_ptr HxClosing (ImageRep_ptr im, SF_ptr s)=0
- virtual ImageRep_ptr HxClosingByReconstruction (ImageRep_ptr im, SF_ptr s1, SF_ptr s2)=0
- virtual ImageRep_ptr HxClosingByReconstructionTopHat (ImageRep_ptr im, SF_ptr s1, SF_ptr s2)=0
- virtual ImageRep_ptr HxClosingTopHat (ImageRep_ptr im, SF_ptr s)=0
- virtual ImageRep_ptr HxConditionalDilation (ImageRep_ptr im, ImageRep_ptr mask, SF_ptr s, CORBA::Long nrIter)=0
- virtual ImageRep_ptr HxConditionalErosion (ImageRep_ptr im, ImageRep_ptr mask, SF_ptr s, CORBA::Long nrIter)=0
- virtual ImageRep_ptr HxDilation (ImageRep_ptr im, SF_ptr s)=0
- virtual ImageRep_ptr HxDistanceTransformMM (ImageRep_ptr im, SF_ptr s)=0
- virtual ImageRep_ptr HxErosion (ImageRep_ptr im, SF_ptr s)=0
- virtual ImageRep_ptr HxGeodesicDistanceTransform (ImageRep_ptr im, CORBA::Long conn)=0
- virtual ImageRep_ptr HxHilditchSkeleton (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxHitOrMiss (ImageRep_ptr im, SF_ptr s1, SF_ptr s2)=0
- virtual ImageRep_ptr HxInfimumReconstruction (ImageRep_ptr im, ImageRep_ptr mask, SF_ptr s)=0
- virtual ImageRep_ptr HxMorphologicalContour (ImageRep_ptr im, SF_ptr s)=0
- virtual ImageRep_ptr HxMorphologicalGradient (ImageRep_ptr im, SF_ptr s)=0
- virtual ImageRep_ptr HxMorphologicalGradient2 (ImageRep_ptr im, SF_ptr s1, SF_ptr s2)=0
- virtual ImageRep_ptr HxOpening (ImageRep_ptr im, SF_ptr s)=0
- virtual ImageRep_ptr HxOpeningByReconstruction (ImageRep_ptr im, SF_ptr s1, SF_ptr s2)=0

- virtual ImageRep_ptr HxOpeningByReconstructionTopHat (ImageRep_ptr im, SF_ptr s1, SF_ptr s2)=0
- virtual ImageRep_ptr HxOpeningTopHat (ImageRep_ptr im, SF_ptr s)=0
- virtual ImageRep_ptr HxParabolicDilation (ImageRep_ptr img, CORBA::Double rho, CORBA::Double accuracy)=0
- virtual ImageRep_ptr HxParabolicErosion (ImageRep_ptr img, CORBA::Double rho, CORBA::Double accuracy)=0
- virtual ImageRep_ptr HxPeakRemoval (ImageRep_ptr im, CORBA::Long conn, CORBA::Long minarea)=0
- virtual ImageRep_ptr HxRegionalMaxima (ImageRep_ptr im, CORBA::Long conn)=0
- virtual ImageRep_ptr HxRegionalMinima (ImageRep_ptr im, CORBA::Long conn)=0
- virtual ImageRep_ptr HxSKIZ (ImageRep_ptr im, CORBA::Long conn)=0
- virtual ImageRep_ptr HxSkeleton (ImageRep_ptr im, SF_ptr s)=0
- virtual ImageRep_ptr HxSupremumReconstruction (ImageRep_ptr im, ImageRep_ptr mask, SF_ptr s)=0
- virtual ImageRep_ptr HxThickening (ImageRep_ptr im, SF_ptr s1, SF_ptr s2)=0
- virtual ImageRep_ptr HxThinning (ImageRep_ptr im, SF_ptr s1, SF_ptr s2)=0
- virtual ImageRep_ptr HxValleyRemoval (ImageRep_ptr im, CORBA::Long conn, CORBA::Long minarea)=0
- virtual ImageRep_ptr HxWatershed (ImageRep_ptr im, CORBA::Long conn)=0
- virtual ImageRep_ptr HxWatershedMarkers (ImageRep_ptr input, ImageRep_ptr mask, CORBA::Long conn, CORBA::Boolean doLabelMask)=0
- virtual ImageRep_ptr HxWatershedMarkers2 (ImageRep_ptr input, ImageRep_ptr mask, CORBA::Long conn, CORBA::Boolean doLabelMask, CORBA::Long costMethod)=0
- virtual ImageRep_ptr HxWatershedSlow (ImageRep_ptr im, SF_ptr s, const char *linereg)=0
- virtual ImageRep_ptr HxDisplayOF (ImageRep_ptr im, CORBA::Long scale_x, CORBA::Long scale_y, CORBA::Double mul_x, CORBA::Double mul_y, CORBA::Long pixelsize)=0
- virtual ImageRep_ptr HxOpticalFlow (ImageRep_ptr im1, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxOpticalFlowMultiScale (ImageRep_ptr im1, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxAddBinaryNoise (ImageRep_ptr im, CORBA::Double percent)=0
- virtual ImageRep_ptr HxAddGaussianNoise (ImageRep_ptr im, CORBA::Double mean, CORBA::Double stdev)=0
- virtual ImageRep_ptr HxAddPoissonNoise (ImageRep_ptr im, CORBA::Double conversionFactor)=0
- virtual ImageRep_ptr HxAddUniformNoise (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxContrastStretch (ImageRep_ptr im, CORBA::Double val)=0
- virtual ImageRep_ptr HxSetBorderValue (ImageRep_ptr im, CORBA::Long w, CORBA::Long h, const PixValue &val)=0
- virtual ImageRep_ptr HxSetPartImage (ImageRep_ptr im, CORBA::Long x1, CORBA::Long y1, CORBA::Long x2, CORBA::Long y2, const PixValue &val)=0
- virtual ImageRep_ptr HxSquaredDistance (ImageRep_ptr im1, ImageRep_ptr im2)=0
- virtual ImageRep_ptr HxBernsenThreshold (ImageRep_ptr im, CORBA::Long windowSz, CORBA::Long uniformTh, CORBA::Boolean uniformLow)=0
- virtual ImageRep_ptr HxEntropyThreshold (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxIsodataThreshold (ImageRep_ptr im)=0
- virtual ImageRep_ptr HxLabel (ImageRep_ptr im, CORBA::Long conn)=0
- virtual ImageRep_ptr HxLabel2 (ImageRep_ptr im, CORBA::Long conn)=0
- virtual ImageRep_ptr HxThreshold (ImageRep_ptr im, const PixValue &val)=0
- virtual ImageRep_ptr HxTriStateThreshold (ImageRep_ptr im, const PixValue &level, const PixValue &v1, const PixValue &v2, const PixValue &v3)=0

- virtual CORBA::Boolean VxRelEquals (const VxTimeSpan &elt1, const VxTimeSpan &elt2)=0
- virtual CORBA::Boolean VxRelMeets (const VxTimeSpan &elt1, const VxTimeSpan &elt2)=0
- virtual CORBA::Boolean VxRelBefore (const VxTimeSpan &elt1, const VxTimeSpan &elt2)=0
- virtual CORBA::Boolean VxRelOverlaps (const VxTimeSpan &elt1, const VxTimeSpan &elt2)=0
- virtual CORBA::Boolean VxRelDur (const VxTimeSpan &elt1, const VxTimeSpan &elt2)=0
- virtual CORBA::Boolean VxRelCon (const VxTimeSpan &elt1, const VxTimeSpan &elt2)=0
- virtual CORBA::Boolean VxRelMeetsAnywhere (const VxTimeSpan &elt1, const VxTimeSpan &elt2)=0
- virtual CORBA::Boolean VxRelBeforeAfter (const VxTimeSpan &elt1, const VxTimeSpan &elt2)=0
- virtual CORBA::Boolean VxRelOverlapsAnywhere (const VxTimeSpan &elt1, const VxTimeSpan &elt2)=0
- virtual char * VxRelAsString (const VxTimeSpan &elt1, const VxTimeSpan &elt2)=0
- virtual void HxIDBOpen (const char *name, const char *indexFile)=0
- virtual StringSeq * HxIDBRandom (const char *name, CORBA::Long n)=0
- virtual StringSeq * HxIDBSearch (const char *key, const char *name, CORBA::Long n)=0
- virtual void HxInvarOpenDB (const char *indexFile, const char *dbDir)=0
- virtual StringSeq * HxInvarRandom (const char *invar, CORBA::Long n)=0
- virtual StringSeq * HxInvarSearch (ImageRep_ptr im, const char *invar, CORBA::Long n)=0
- virtual StringSeq * HxInvarSearchHisto (const HistogramList &target, const char *invar, CORBA::Long n)=0
- virtual CORBA::Double HxInvarMatchHistos (const HistogramList &l1, const HistogramList &l2)=0
- virtual void HxInvarIndexDB (const char *indexFile, const char *dbDir, const char *invar, CORBA::Double s, CORBA::Long bins)=0
- virtual CORBA::Long HxInvarDBSize (const char *invar)=0
- virtual CORBA::Long HxInvarBinsPerHistogram (const char *invar)=0
- virtual CORBA::Long HxInvarChannels (const char *invar)=0
- virtual StringSeq * HxInvarDBList (const char *invar)=0
- virtual FloatSeq * HxInvarGetHistos (const char *invar, const char *key)=0
- virtual StringSeq * HxInvarSearchKey (const char *key, const char *invar, CORBA::Long n)=0
- virtual DoubleSeq * HxInvarScores (const char *invar, CORBA::Long n)=0
- virtual ImageRep_ptr HxNJetInvarE (NJet_ptr nj)=0
- virtual ImageRep_ptr HxNJetInvarC (NJet_ptr nj)=0
- virtual ImageRep_ptr HxNJetInvarWw (NJet_ptr nj)=0
- virtual ImageRep_ptr HxNJetInvarCw (NJet_ptr nj)=0
- virtual HistogramList * HxNJetInvarEHisto (NJet_ptr nj, CORBA::Long nBin)=0
- virtual HistogramList * HxNJetInvarCHisto (NJet_ptr nj, CORBA::Long nBin)=0
- virtual HistogramList * HxNJetInvarWwHisto (NJet_ptr nj, CORBA::Long nBin)=0
- virtual HistogramList * HxNJetInvarCwHisto (NJet_ptr nj, CORBA::Long nBin)=0
- virtual HistogramList * HxInvarEHisto (ImageRep_ptr im, CORBA::Double scale, CORBA::Long nBin)=0
- virtual HistogramList * HxInvarCHisto (ImageRep_ptr im, CORBA::Double scale, CORBA::Long nBin)=0
- virtual HistogramList * HxInvarWwHisto (ImageRep_ptr im, CORBA::Double scale, CORBA::Long nBin)=0

- virtual HistogramList * HxInvarCwHisto (ImageRep_ptr im, CORBA::Double scale, CORBA::Long nBin)=0
- virtual DoubleSeqSeq * HxNJetInvar (ImageRep_ptr im, const char *invar, CORBA::Double scale, CORBA::Long nBin)=0
- virtual ImageRep_ptr HxColorInvarEw (ImageRep_ptr im, CORBA::Double scale)=0
- virtual ImageRep_ptr HxColorInvarWw (ImageRep_ptr im, CORBA::Double scale)=0
- virtual ImageRep_ptr HxColorInvarCw (ImageRep_ptr im, CORBA::Double scale)=0
- virtual ImageRep_ptr HxColorInvarNw (ImageRep_ptr im, CORBA::Double scale)=0
- virtual ImageRep_ptr HxColorInvarHw (ImageRep_ptr im, CORBA::Double scale)=0

Static Public Methods

- GlobalOps_ptr _duplicate (GlobalOps_ptr p)
- GlobalOps_ptr _nil ()
- GlobalOps_ptr _narrow (CORBA::Object_ptr)
- GlobalOps_ptr _unchecked_narrow (CORBA::Object_ptr)
- GlobalOps_ptr _narrow (CORBA::AbstractBase_ptr)
- GlobalOps_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.10.1 Member Typedef Documentation

2.10.1.1 typedef GlobalOps_ptr HxCorba::GlobalOps::ptr_type

Reimplemented from HxCorba::UserOps (p. 175).

2.10.1.2 typedef GlobalOps_var HxCorba::GlobalOps::_var_type

Reimplemented from HxCorba::UserOps (p. 175).

2.10.2 Constructor & Destructor Documentation

2.10.2.1 HxCorba::GlobalOps::GlobalOps () [inline]

Reimplemented in OBProxy_HxCorba::GlobalOps (p. ??).

2.10.2.2 virtual HxCorba::GlobalOps::~~GlobalOps () [inline, virtual]

Reimplemented in OBProxy_HxCorba::GlobalOps (p. ??).

2.10.3 Member Function Documentation

2.10.3.1 `GlobalOps_ptr HxCorba::GlobalOps::duplicate (GlobalOps_ptr p)` [`inline`, `static`]

2.10.3.2 `GlobalOps_ptr HxCorba::GlobalOps::nil ()` [`inline`, `static`]

Reimplemented from `HxCorba::UserOps` (p. 175).

2.10.3.3 `HxCorba::GlobalOps_ptr HxCorba::GlobalOps::_narrow (CORBA::Object_ptr p)` [`static`]

Reimplemented from `HxCorba::UserOps` (p. 175).

2.10.3.4 `HxCorba::GlobalOps_ptr HxCorba::GlobalOps::_unchecked_narrow (CORBA::Object_ptr p)` [`static`]

Reimplemented from `HxCorba::UserOps` (p. 175).

2.10.3.5 `HxCorba::GlobalOps_ptr HxCorba::GlobalOps::_narrow (CORBA::AbstractBase_ptr p)` [`static`]

Reimplemented from `HxCorba::UserOps` (p. 175).

2.10.3.6 `HxCorba::GlobalOps_ptr HxCorba::GlobalOps::_unchecked_narrow (CORBA::AbstractBase_ptr p)` [`static`]

Reimplemented from `HxCorba::UserOps` (p. 176).

2.10.3.7 `const char ** HxCorba::GlobalOps::_OB_staticIds ()` [`static`]

Reimplemented from `HxCorba::UserOps` (p. 176).

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- 2.10.3.8 **virtual ImageRep_ptr HxCorba::GlobalOps::HxAbs (ImageRep_ptr *im*)** [pure virtual]
 - 2.10.3.9 **virtual ImageRep_ptr HxCorba::GlobalOps::HxCeil (ImageRep_ptr *im*)** [pure virtual]
 - 2.10.3.10 **virtual ImageRep_ptr HxCorba::GlobalOps::HxComplement (ImageRep_ptr *im*)** [pure virtual]
 - 2.10.3.11 **virtual ImageRep_ptr HxCorba::GlobalOps::HxExp (ImageRep_ptr *im*)** [pure virtual]
 - 2.10.3.12 **virtual ImageRep_ptr HxCorba::GlobalOps::HxFloor (ImageRep_ptr *im*)** [pure virtual]
 - 2.10.3.13 **virtual ImageRep_ptr HxCorba::GlobalOps::HxLog (ImageRep_ptr *im*)** [pure virtual]
 - 2.10.3.14 **virtual ImageRep_ptr HxCorba::GlobalOps::HxLog10 (ImageRep_ptr *im*)** [pure virtual]
 - 2.10.3.15 **virtual ImageRep_ptr HxCorba::GlobalOps::HxNegate (ImageRep_ptr *im*)** [pure virtual]
 - 2.10.3.16 **virtual ImageRep_ptr HxCorba::GlobalOps::HxNorm1 (ImageRep_ptr *im*)** [pure virtual]
 - 2.10.3.17 **virtual ImageRep_ptr HxCorba::GlobalOps::HxNorm2 (ImageRep_ptr *im*)** [pure virtual]
 - 2.10.3.18 **virtual ImageRep_ptr HxCorba::GlobalOps::HxNormInf (ImageRep_ptr *im*)** [pure virtual]
 - 2.10.3.19 **virtual ImageRep_ptr HxCorba::GlobalOps::HxProjectRange (ImageRep_ptr *im*, CORBA::Long *dimension*)** [pure virtual]
 - 2.10.3.20 **virtual ImageRep_ptr HxCorba::GlobalOps::HxReciprocal (ImageRep_ptr *im*)** [pure virtual]
 - 2.10.3.21 **virtual ImageRep_ptr HxCorba::GlobalOps::HxSqrt (ImageRep_ptr *im*)** [pure virtual]
 - 2.10.3.22 **virtual ImageRep_ptr HxCorba::GlobalOps::HxRound (ImageRep_ptr *im*)** [pure virtual]
 - 2.10.3.23 **virtual ImageRep_ptr HxCorba::GlobalOps::HxUnaryMax (ImageRep_ptr *im*)** [pure virtual]
 - 2.10.3.24 **virtual ImageRep_ptr HxCorba::GlobalOps::HxUnaryMin (ImageRep_ptr *im*)** [pure virtual]
 - 2.10.3.25 **virtual ImageRep_ptr HxCorba::GlobalOps::HxUnaryProduct (ImageRep_ptr *im*)** [pure virtual]
 - 2.10.3.26 **virtual ImageRep_ptr HxCorba::GlobalOps::HxUnarySum (ImageRep_ptr *im*)** [pure virtual]
 - 2.10.3.27 **virtual ImageRep_ptr HxCorba::GlobalOps::HxAcos (ImageRep_ptr *im*)** [pure virtual]

- 2.10.3.114 virtual Histogram_ptr HxCorba::GlobalOps::HxImageToHistogram (ImageRep_ptr *im*, CORBA::Long *getDim*, CORBA::Double *lowBin*, CORBA::Double *highBin*, CORBA::Long *nBin*) [pure virtual]
- 2.10.3.115 virtual Histogram_ptr HxCorba::GlobalOps::HxImageToHistogramMask (ImageRep_ptr *im*, CORBA::Long *getDim*, CORBA::Double *lowBin*, CORBA::Double *highBin*, CORBA::Long *nBin*, ImageRep_ptr *mask*, CORBA::Long *maskVal*) [pure virtual]
- 2.10.3.116 virtual Blob2dSet* HxCorba::GlobalOps::HxLabelBlobs (ImageRep_ptr *image*, ImageRep_ptr *mask*, CORBA::Long *minimalBlobArea*) [pure virtual]
- 2.10.3.117 virtual ImageRep_ptr HxCorba::GlobalOps::HxHighlightRegion (ImageRep_ptr *im*, ImageRep_ptr *mask*, CORBA::Long *label*, CORBA::Double *factor*) [pure virtual]
- 2.10.3.118 virtual void HxCorba::GlobalOps::HxExportMatlabPixels (ImageRep_ptr *im*, DoubleSeq & *pixels*) [pure virtual]
- 2.10.3.119 virtual CORBA::Boolean HxCorba::GlobalOps::HxWriteFile (ImageRep_ptr *im*, const char **fileName*) [pure virtual]
- 2.10.3.120 virtual CORBA::Boolean HxCorba::GlobalOps::HxImagesToFile (const ImageList & *ims*, const char **fileName*) [pure virtual]
- 2.10.3.121 virtual ImageRep_ptr HxCorba::GlobalOps::HxCannyEdgeMap (ImageRep_ptr *img*, CORBA::Double *sigma*) [pure virtual]
- 2.10.3.122 virtual ImageRep_ptr HxCorba::GlobalOps::HxCannyThreshold (ImageRep_ptr *img*, CORBA::Double *sigma*, CORBA::Double *level*) [pure virtual]
- 2.10.3.123 virtual ImageRep_ptr HxCorba::GlobalOps::HxCannyThresholdAlt (ImageRep_ptr *img*, CORBA::Double *sigma*, CORBA::Double *level*) [pure virtual]
- 2.10.3.124 virtual ImageRep_ptr HxCorba::GlobalOps::HxCannyThresholdRec (ImageRep_ptr *img*, CORBA::Double *sigma*, CORBA::Double *level*) [pure virtual]
- 2.10.3.125 virtual ImageRep_ptr HxCorba::GlobalOps::HxConvGauss2d (ImageRep_ptr *img*, CORBA::Double *sigmax*, CORBA::Long *orderDerivx*, CORBA::Double *accuracyx*, CORBA::Double *sigmay*, CORBA::Long *orderDerivy*, CORBA::Double *accuracyy*) [pure virtual]
- 2.10.3.126 virtual ImageRep_ptr HxCorba::GlobalOps::HxConvGauss3d (ImageRep_ptr *img*, CORBA::Double *sigmax*, CORBA::Long *orderDerivx*, CORBA::Double *accuracyx*, CORBA::Double *sigmay*, CORBA::Long *orderDerivy*, CORBA::Double *accuracyy*, CORBA::Double *sigmaz*, CORBA::Long *orderDerivz*, CORBA::Double *accuracyz*) [pure virtual]
- 2.10.3.127 virtual ImageRep_ptr HxCorba::GlobalOps::HxConvKernelSeparated (ImageRep_ptr *im*, ImageRep_ptr *kernel*, ResultPrecision *resPrec*) [pure virtual]
- 2.10.3.128 virtual ImageRep_ptr HxCorba::GlobalOps::HxConvKernelSeparated2d (ImageRep_ptr *img*, ImageRep_ptr *kernelX*, ImageRep_ptr *kernelY*, ResultPrecision *resPrec*) [pure virtual]

2.10.3.129 virtual ImageRep_ptr HxCorba::GlobalOps::HxConvolution (ImageRep_ptr *im*, ImageRep_ptr *kernel*, ResultPrecision *resPrec*) [pure virtual]

2.10.3.130 virtual ImageRep_ptr HxCorba::GlobalOps::HxDefuz (ImageRep_ptr *im*, CORBA::Long *windowSzX*, CORBA::Long *windowSzY*, CORBA::Double *thr*) [pure virtual]

- 2.10.3.148 `virtual ImageRep_ptr HxCorba::GlobalOps::HxMakeFromFloatData (CORBA::Long pixelDimensionality, CORBA::Long dimensions, const Sizes & size, const FloatSeq & data)` [pure virtual]
- 2.10.3.149 `virtual ImageRep_ptr HxCorba::GlobalOps::HxMakeFromGrayValue (ImageSignature signature, const Sizes & size, const OctetSeq & pixels)` [pure virtual]
- 2.10.3.150 `virtual ImageRep_ptr HxCorba::GlobalOps::HxMakeFromImage (ImageSignature signature, ImageRep_ptr src)` [pure virtual]
- 2.10.3.151 `virtual ImageRep_ptr HxCorba::GlobalOps::HxMakeFromImport (ImageSignature signature, const Sizes & size, const char * importOp, TagList_ptr tags)` [pure virtual]
- 2.10.3.152 `virtual ImageRep_ptr HxCorba::GlobalOps::HxMakeFromIntData (CORBA::Long pixelDimensionality, CORBA::Long dimensions, const Sizes & size, const LongSeq & data)` [pure virtual]
- 2.10.3.153 `virtual ImageRep_ptr HxCorba::GlobalOps::HxMakeFromJavaRgb (ImageSignature signature, const Sizes & size, const LongSeq & pixels)` [pure virtual]
- 2.10.3.154 `virtual ImageRep_ptr HxCorba::GlobalOps::HxMakeFromMatlab (ImageSignature signature, const Sizes & size, const DoubleSeq & pixels)` [pure virtual]
- 2.10.3.155 `virtual ImageRep_ptr HxCorba::GlobalOps::HxMakeFromNamedGenerator (ImageSignature signature, const char * generatorName, TagList_ptr tags)` [pure virtual]
- 2.10.3.156 `virtual ImageRep_ptr HxCorba::GlobalOps::HxMakeFromPpmPixels (ImageSignature signature, const Sizes & size, const OctetSeq & pixels)` [pure virtual]
- 2.10.3.157 `virtual ImageRep_ptr HxCorba::GlobalOps::HxMakeFromShortData (CORBA::Long pixelDimensionality, CORBA::Long dimensions, const Sizes & size, const ShortSeq & data)` [pure virtual]
- 2.10.3.158 `virtual ImageRep_ptr HxCorba::GlobalOps::HxMakeFromSignature (ImageSignature signature, const Sizes & size)` [pure virtual]
- 2.10.3.159 `virtual ImageRep_ptr HxCorba::GlobalOps::HxMakeFromValue (ImageSignature signature, const Sizes & size, const PixValue & val)` [pure virtual]
- 2.10.3.160 `virtual ImageRep_ptr HxCorba::GlobalOps::HxMakeGaussian1d (CORBA::Double _ob_a0, CORBA::Long _ob_a1, CORBA::Double _ob_a2, CORBA::Long _ob_a3, CORBA::Long _ob_a4)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::GlobalOps` (p. ??).

2.10.3.161 virtual ImageRep_ptr HxCorba::GlobalOps::HxMakeParabola1d (CORBA::Double *_ob_a0*, CORBA::Double *_ob_a1*, CORBA::Long *_ob_a2*, CORBA::Long *_ob_a3*)
[pure virtual]

Reimplemented in OBProxy_HxCorba::GlobalOps (p. ??).

2.10.3.162 virtual ImageList* HxCorba::GlobalOps::HxImagesFromFile (const char * *_ob_a0*)
[pure virtual]

Reimplemented in OBProxy_HxCorba::GlobalOps (p. ??).

- 2.10.3.163 virtual ImageRep_ptr HxCorba::GlobalOps::HxExtend (ImageRep_ptr *img*, ImageRep_ptr *background*, const Point & *begin*) [pure virtual]
- 2.10.3.164 virtual ImageRep_ptr HxCorba::GlobalOps::HxExtendVal (ImageRep_ptr *img*, const Sizes & *newSize*, const PixValue & *background*, const Point & *begin*) [pure virtual]
- 2.10.3.165 virtual ImageRep_ptr HxCorba::GlobalOps::HxReflect (ImageRep_ptr *img*, CORBA::Long *doX*, CORBA::Long *doY*, CORBA::Long *doZ*) [pure virtual]
- 2.10.3.166 virtual ImageRep_ptr HxCorba::GlobalOps::HxRestrict (ImageRep_ptr *img*, const Point & *begin*, const Point & *end*) [pure virtual]
- 2.10.3.167 virtual ImageRep_ptr HxCorba::GlobalOps::HxRotate (ImageRep_ptr *img*, CORBA::Double *alpha*, GeoIntType *gi*, CORBA::Long *adjustSize*, const PixValue & *background*) [pure virtual]
- 2.10.3.168 virtual ImageRep_ptr HxCorba::GlobalOps::HxScale (ImageRep_ptr *img*, CORBA::Double *sx*, CORBA::Double *sy*, CORBA::Double *sz*, GeoIntType *gi*, CORBA::Long *adjustSize*) [pure virtual]
- 2.10.3.169 virtual ImageRep_ptr HxCorba::GlobalOps::HxTranslate (ImageRep_ptr *img*, CORBA::Long *sx*, CORBA::Long *sy*, CORBA::Long *sz*) [pure virtual]
- 2.10.3.170 virtual ImageRep_ptr HxCorba::GlobalOps::HxTranspose (ImageRep_ptr *img*) [pure virtual]
- 2.10.3.171 virtual CORBA::Long HxCorba::GlobalOps::HxImageMaxSize (ImageRep_ptr *img*) [pure virtual]
- 2.10.3.172 virtual CORBA::Long HxCorba::GlobalOps::HxImageMinSize (ImageRep_ptr *img*) [pure virtual]
- 2.10.3.173 virtual PixValue HxCorba::GlobalOps::HxIdentMaskMean (ImageRep_ptr *im*, ImageRep_ptr *mask*, const Point & *p*, const Sizes & *size*, CORBA::Long *label*) [pure virtual]
- 2.10.3.174 virtual PixValue HxCorba::GlobalOps::HxIdentMaskMedian (ImageRep_ptr *im*, ImageRep_ptr *mask*, const Point & *p*, const Sizes & *size*, CORBA::Long *label*) [pure virtual]
- 2.10.3.175 virtual PixValue HxCorba::GlobalOps::HxIdentMaskStDev (ImageRep_ptr *im*, ImageRep_ptr *mask*, const Point & *p*, const Sizes & *size*, CORBA::Long *label*) [pure virtual]
- 2.10.3.176 virtual PixValue HxCorba::GlobalOps::HxIdentMaskSum (ImageRep_ptr *im*, ImageRep_ptr *mask*, const Point & *p*, const Sizes & *size*, CORBA::Long *label*) [pure virtual]
- 2.10.3.177 virtual PixValue HxCorba::GlobalOps::HxIdentMaskVariance (ImageRep_ptr *im*, ImageRep_ptr *mask*, const Point & *p*, const Sizes & *size*, CORBA::Long *label*) [pure virtual]
- 2.10.3.178 virtual PixValue HxCorba::GlobalOps::HxWeightMaskSum (ImageRep_ptr *im*, ImageRep_ptr *mask*, const Point & *p*) [pure virtual]
-
- 2.10.3.179 virtual ImageRep_ptr HxCorba::GlobalOps::HxAreaClosing (ImageRep_ptr *im*, CORBA::Long *conn*, CORBA::Long *minarea*) [pure virtual]
- 2.10.3.180 virtual ImageRep_ptr HxCorba::GlobalOps::HxAreaOpening (ImageRep_ptr *im*, CORBA::Long *conn*, CORBA::Long *minarea*) [pure virtual]

2.10.3.245 `virtual StringSeq* HxCorba::GlobalOps::HxIDBRandom (const char * _ob_a0, CORBA::Long _ob_a1) [pure virtual]`

Reimplemented in `OBProxy_HxCorba::GlobalOps` (p. ??).

2.10.3.246 `virtual StringSeq* HxCorba::GlobalOps::HxIDBSearch (const char * _ob_a0, const char * _ob_a1, CORBA::Long _ob_a2) [pure virtual]`

Reimplemented in `OBProxy_HxCorba::GlobalOps` (p. ??).

2.10.3.247 `virtual void HxCorba::GlobalOps::HxInvarOpenDB (const char * _ob_a0, const char * _ob_a1) [pure virtual]`

Reimplemented in `OBProxy_HxCorba::GlobalOps` (p. ??).

2.10.3.248 `virtual StringSeq* HxCorba::GlobalOps::HxInvarRandom (const char * _ob_a0, CORBA::Long _ob_a1) [pure virtual]`

Reimplemented in `OBProxy_HxCorba::GlobalOps` (p. ??).

2.10.3.249 `virtual StringSeq* HxCorba::GlobalOps::HxInvarSearch (ImageRep_ptr im, const char * invar, CORBA::Long n) [pure virtual]`

2.10.3.250 `virtual StringSeq* HxCorba::GlobalOps::HxInvarSearchHisto (const HistogramList & target, const char * invar, CORBA::Long n) [pure virtual]`

2.10.3.251 `virtual CORBA::Double HxCorba::GlobalOps::HxInvarMatchHistos (const HistogramList & l1, const HistogramList & l2) [pure virtual]`

2.10.3.252 `virtual void HxCorba::GlobalOps::HxInvarIndexDB (const char * _ob_a0, const char * _ob_a1, const char * _ob_a2, CORBA::Double _ob_a3, CORBA::Long _ob_a4) [pure virtual]`

Reimplemented in `OBProxy_HxCorba::GlobalOps` (p. ??).

2.10.3.253 `virtual CORBA::Long HxCorba::GlobalOps::HxInvarDBSize (const char * _ob_a0) [pure virtual]`

Reimplemented in `OBProxy_HxCorba::GlobalOps` (p. ??).

2.10.3.254 `virtual CORBA::Long HxCorba::GlobalOps::HxInvarBinsPerHistogram (const char * _ob_a0) [pure virtual]`

Reimplemented in `OBProxy_HxCorba::GlobalOps` (p. ??).

2.10.3.255 virtual CORBA::Long HxCorba::GlobalOps::HxInvarChannels (const char * *_ob_a0*)
[pure virtual]

Reimplemented in OBProxy_HxCorba::GlobalOps (p. ??).

2.10.3.256 virtual StringSeq* HxCorba::GlobalOps::HxInvarDBList (const char * *_ob_a0*)
[pure virtual]

Reimplemented in OBProxy_HxCorba::GlobalOps (p. ??).

2.10.3.257 virtual FloatSeq* HxCorba::GlobalOps::HxInvarGetHistos (const char * *_ob_a0*, const char * *_ob_a1*) [pure virtual]

Reimplemented in OBProxy_HxCorba::GlobalOps (p. ??).

2.10.3.258 virtual StringSeq* HxCorba::GlobalOps::HxInvarSearchKey (const char * *_ob_a0*, const char * *_ob_a1*, CORBA::Long *_ob_a2*) [pure virtual]

Reimplemented in OBProxy_HxCorba::GlobalOps (p. ??).

2.10.3.259 virtual DoubleSeq* HxCorba::GlobalOps::HxInvarScores (const char * *_ob_a0*, CORBA::Long *_ob_a1*) [pure virtual]

Reimplemented in OBProxy_HxCorba::GlobalOps (p. ??).

- 2.10.3.260 `virtual ImageRep_ptr HxCorba::GlobalOps::HxNJetInvarE (NJet_ptr nj)` [pure virtual]
- 2.10.3.261 `virtual ImageRep_ptr HxCorba::GlobalOps::HxNJetInvarC (NJet_ptr nj)` [pure virtual]
- 2.10.3.262 `virtual ImageRep_ptr HxCorba::GlobalOps::HxNJetInvarWw (NJet_ptr nj)` [pure virtual]
- 2.10.3.263 `virtual ImageRep_ptr HxCorba::GlobalOps::HxNJetInvarCw (NJet_ptr nj)` [pure virtual]
- 2.10.3.264 `virtual HistogramList* HxCorba::GlobalOps::HxNJetInvarEHisto (NJet_ptr nj, CORBA::Long nBin)` [pure virtual]
- 2.10.3.265 `virtual HistogramList* HxCorba::GlobalOps::HxNJetInvarCHisto (NJet_ptr nj, CORBA::Long nBin)` [pure virtual]
- 2.10.3.266 `virtual HistogramList* HxCorba::GlobalOps::HxNJetInvarWwHisto (NJet_ptr nj, CORBA::Long nBin)` [pure virtual]
- 2.10.3.267 `virtual HistogramList* HxCorba::GlobalOps::HxNJetInvarCwHisto (NJet_ptr nj, CORBA::Long nBin)` [pure virtual]
- 2.10.3.268 `virtual HistogramList* HxCorba::GlobalOps::HxInvarEHisto (ImageRep_ptr im, CORBA::Double scale, CORBA::Long nBin)` [pure virtual]
- 2.10.3.269 `virtual HistogramList* HxCorba::GlobalOps::HxInvarCHisto (ImageRep_ptr im, CORBA::Double scale, CORBA::Long nBin)` [pure virtual]
- 2.10.3.270 `virtual HistogramList* HxCorba::GlobalOps::HxInvarWwHisto (ImageRep_ptr im, CORBA::Double scale, CORBA::Long nBin)` [pure virtual]
- 2.10.3.271 `virtual HistogramList* HxCorba::GlobalOps::HxInvarCwHisto (ImageRep_ptr im, CORBA::Double scale, CORBA::Long nBin)` [pure virtual]
- 2.10.3.272 `virtual DoubleSeqSeq* HxCorba::GlobalOps::HxNJetInvar (ImageRep_ptr im, const char * invar, CORBA::Double scale, CORBA::Long nBin)` [pure virtual]
- 2.10.3.273 `virtual ImageRep_ptr HxCorba::GlobalOps::HxColorInvarEw (ImageRep_ptr im, CORBA::Double scale)` [pure virtual]
- 2.10.3.274 `virtual ImageRep_ptr HxCorba::GlobalOps::HxColorInvarWw (ImageRep_ptr im, CORBA::Double scale)` [pure virtual]
- 2.10.3.275 `virtual ImageRep_ptr HxCorba::GlobalOps::HxColorInvarCw (ImageRep_ptr im, CORBA::Double scale)` [pure virtual]
- 2.10.3.276 `virtual ImageRep_ptr HxCorba::GlobalOps::HxColorInvarNw (ImageRep_ptr im, CORBA::Double scale)` [pure virtual]
- 2.10.3.277 `virtual ImageRep_ptr HxCorba::GlobalOps::HxColorInvarHw (ImageRep_ptr im, CORBA::Double scale)` [pure virtual]

2.10.4 Member Data Documentation

Generated on Mon Jan 27 15:08:32 2003 for C++Binding by Doxygen written by Dimitri van Heesch © 1997-2001

- 2.10.4.1 `const char * HxCorba::GlobalOps::ids_` [static, protected]

Initial value:

```
{
    "IDL:HxCorba/GlobalOps:1.0",
    "IDL:HxCorba/UserOps:1.0",
    0
}
```

Reimplemented from `HxCorba::UserOps` (p. 176).

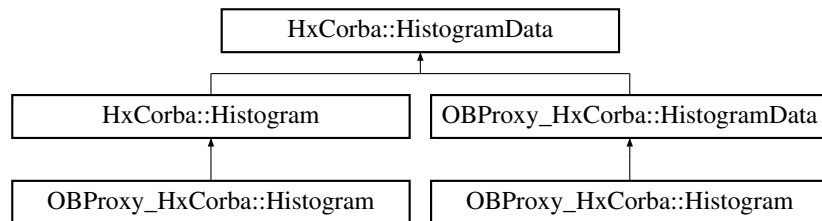
The documentation for this class was generated from the following files:

- `HxCorbaGlobalOps.h`
- `HxCorbaGlobalOps.c`

2.11 HxCorba::HistogramData Class Reference

```
#include <HxCorbaHistogram.h>
```

Inheritance diagram for `HxCorba::HistogramData`:



Public Types

- `typedef HistogramData_ptr_ptr_type`
- `typedef HistogramData_var_var_type`

Public Methods

- `HistogramData ()`
- `virtual ~HistogramData ()`
- `virtual CORBA::Long dimensionality ()=0`
- `virtual CORBA::Long dimensionSize (CORBA::Long dim)=0`
- `virtual CORBA::Long nrOfBins ()=0`
- `virtual CORBA::Double lowBin (CORBA::Long dim)=0`
- `virtual CORBA::Double highBin (CORBA::Long dim)=0`
- `virtual CORBA::Double binWidth (CORBA::Long dim)=0`
- `virtual CORBA::Double binToValue (CORBA::Long bin, CORBA::Long dim)=0`
- `virtual CORBA::Long valueToBin (CORBA::Double value, CORBA::Long dim)=0`
- `virtual CORBA::Double get1 (CORBA::Long bin1)=0`
- `virtual CORBA::Double get2 (CORBA::Long bin1, CORBA::Long bin2)=0`
- `virtual CORBA::Double get3 (CORBA::Long bin1, CORBA::Long bin2, CORBA::Long bin3)=0`
- `virtual CORBA::Double sum ()=0`

- virtual CORBA::Double minVal ()=0
- virtual CORBA::Double maxVal ()=0
- virtual CORBA::Double maxValIndex (CORBA::Long_out index)=0
- virtual BinDataSequence * getDataDouble ()=0

Static Public Methods

- HistogramData_ptr _duplicate (HistogramData_ptr p)
- HistogramData_ptr _nil ()
- HistogramData_ptr _narrow (CORBA::Object_ptr)
- HistogramData_ptr _unchecked_narrow (CORBA::Object_ptr)
- HistogramData_ptr _narrow (CORBA::AbstractBase_ptr)
- HistogramData_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.11.1 Member Typedef Documentation

2.11.1.1 typedef HistogramData_ptr HxCorba::HistogramData::ptr_type

Reimplemented in HxCorba::Histogram (p. 85).

2.11.1.2 typedef HistogramData_var HxCorba::HistogramData::var_type

Reimplemented in HxCorba::Histogram (p. 85).

2.11.2 Constructor & Destructor Documentation

2.11.2.1 HxCorba::HistogramData::HistogramData () [inline]

Reimplemented in OBProxy_HxCorba::HistogramData (p. ??).

2.11.2.2 virtual HxCorba::HistogramData::~~HistogramData () [inline, virtual]

Reimplemented in OBProxy_HxCorba::HistogramData (p. ??).

2.11.3 Member Function Documentation

2.11.3.1 HistogramData_ptr HxCorba::HistogramData::_duplicate (HistogramData_ptr p) [inline, static]

2.11.3.2 HistogramData_ptr HxCorba::HistogramData::_nil () [inline, static]

Reimplemented in HxCorba::Histogram (p. 85).

2.11.3.3 `HxCorba::HistogramData_ptr HxCorba::HistogramData::_narrow (CORBA::Object_ptr p)` [static]

Reimplemented in `HxCorba::Histogram` (p. 85).

2.11.3.4 `HxCorba::HistogramData_ptr HxCorba::HistogramData::_unchecked_narrow (CORBA::Object_ptr p)` [static]

Reimplemented in `HxCorba::Histogram` (p. 86).

2.11.3.5 `HxCorba::HistogramData_ptr HxCorba::HistogramData::_narrow (CORBA::AbstractBase_ptr p)` [static]

Reimplemented in `HxCorba::Histogram` (p. 86).

2.11.3.6 `HxCorba::HistogramData_ptr HxCorba::HistogramData::_unchecked_narrow (CORBA::AbstractBase_ptr p)` [static]

Reimplemented in `HxCorba::Histogram` (p. 86).

2.11.3.7 `const char ** HxCorba::HistogramData::_OB_staticIds ()` [static]

Reimplemented in `HxCorba::Histogram` (p. 86).

2.11.3.8 `virtual CORBA::Long HxCorba::HistogramData::dimensionality ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::HistogramData` (p. ??).

2.11.3.9 `virtual CORBA::Long HxCorba::HistogramData::dimensionSize (CORBA::Long _ob_a0)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::HistogramData` (p. ??).

2.11.3.10 `virtual CORBA::Long HxCorba::HistogramData::nrOfBins ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::HistogramData` (p. ??).

2.11.3.11 `virtual CORBA::Double HxCorba::HistogramData::lowBin (CORBA::Long _ob_a0)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::HistogramData` (p. ??).

2.11.3.12 `virtual CORBA::Double HxCorba::HistogramData::highBin (CORBA::Long _ob_a0)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::HistogramData` (p. ??).

2.11.3.13 virtual CORBA::Double HxCorba::HistogramData::binWidth (CORBA::Long *_ob_a0*)
[pure virtual]

Reimplemented in OBProxy_HxCorba::HistogramData (p. ??).

2.11.3.14 virtual CORBA::Double HxCorba::HistogramData::binToValue (CORBA::Long *_ob_a0*, CORBA::Long *_ob_a1*) [pure virtual]

Reimplemented in OBProxy_HxCorba::HistogramData (p. ??).

2.11.3.15 virtual CORBA::Long HxCorba::HistogramData::valueToBin (CORBA::Double *_ob_a0*, CORBA::Long *_ob_a1*) [pure virtual]

Reimplemented in OBProxy_HxCorba::HistogramData (p. ??).

2.11.3.16 virtual CORBA::Double HxCorba::HistogramData::get1 (CORBA::Long *_ob_a0*)
[pure virtual]

Reimplemented in OBProxy_HxCorba::HistogramData (p. ??).

2.11.3.17 virtual CORBA::Double HxCorba::HistogramData::get2 (CORBA::Long *_ob_a0*, CORBA::Long *_ob_a1*) [pure virtual]

Reimplemented in OBProxy_HxCorba::HistogramData (p. ??).

2.11.3.18 virtual CORBA::Double HxCorba::HistogramData::get3 (CORBA::Long *_ob_a0*, CORBA::Long *_ob_a1*, CORBA::Long *_ob_a2*) [pure virtual]

Reimplemented in OBProxy_HxCorba::HistogramData (p. ??).

2.11.3.19 virtual CORBA::Double HxCorba::HistogramData::sum () [pure virtual]

Reimplemented in OBProxy_HxCorba::HistogramData (p. ??).

2.11.3.20 virtual CORBA::Double HxCorba::HistogramData::minVal () [pure virtual]

Reimplemented in OBProxy_HxCorba::HistogramData (p. ??).

2.11.3.21 virtual CORBA::Double HxCorba::HistogramData::maxVal () [pure virtual]

Reimplemented in OBProxy_HxCorba::HistogramData (p. ??).

2.11.3.22 virtual CORBA::Double HxCorba::HistogramData::maxValIndex (CORBA::Long *_out_ob_a0*) [pure virtual]

Reimplemented in OBProxy_HxCorba::HistogramData (p. ??).

2.11.3.23 `virtual BinDataSequence* HxCorba::HistogramData::getDataDouble ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::HistogramData` (p. ??).

2.11.4 Member Data Documentation

2.11.4.1 `const char * HxCorba::HistogramData::ids_` [static, protected]

Initial value:

```
{
    "IDL:HxCorba/HistogramData:1.0",
    0
}
```

Reimplemented in `HxCorba::Histogram` (p. 87).

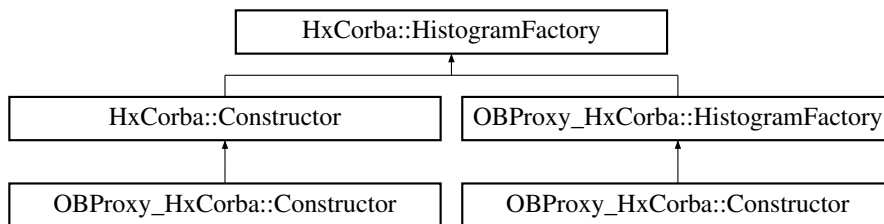
The documentation for this class was generated from the following files:

- `HxCorbaHistogram.h`
- `HxCorbaHistogram.c`

2.12 HxCorba::HistogramFactory Class Reference

```
#include <HxCorbaHistogram.h>
```

Inheritance diagram for `HxCorba::HistogramFactory`:



Public Types

- `typedef HistogramFactory_ptr_ptr_type`
- `typedef HistogramFactory_var_var_type`

Public Methods

- `HistogramFactory ()`
- `virtual ~HistogramFactory ()`
- `virtual Histogram_ptr makeHistogramFromFile (const char *filename)=0`

Static Public Methods

- `HistogramFactory_ptr _duplicate (HistogramFactory_ptr p)`
- `HistogramFactory_ptr _nil ()`
- `HistogramFactory_ptr _narrow (CORBA::Object_ptr)`
- `HistogramFactory_ptr _unchecked_narrow (CORBA::Object_ptr)`
- `HistogramFactory_ptr _narrow (CORBA::AbstractBase_ptr)`
- `HistogramFactory_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)`
- `const char ** _OB_staticIds ()`

Static Protected Attributes

- `const char * ids_ []`

2.12.1 Member Typedef Documentation

2.12.1.1 `typedef HistogramFactory_ptr HxCorba::HistogramFactory::ptr_type`

Reimplemented in `HxCorba::Constructor` (p. 42).

2.12.1.2 `typedef HistogramFactory_var HxCorba::HistogramFactory::var_type`

Reimplemented in `HxCorba::Constructor` (p. 42).

2.12.2 Constructor & Destructor Documentation

2.12.2.1 `HxCorba::HistogramFactory::HistogramFactory () [inline]`

Reimplemented in `OBProxy_HxCorba::HistogramFactory` (p. ??).

2.12.2.2 `virtual HxCorba::HistogramFactory::~~HistogramFactory () [inline, virtual]`

Reimplemented in `OBProxy_HxCorba::HistogramFactory` (p. ??).

2.12.3 Member Function Documentation

2.12.3.1 `HistogramFactory_ptr HxCorba::HistogramFactory::duplicate (HistogramFactory_ptr p) [inline, static]`

2.12.3.2 `HistogramFactory_ptr HxCorba::HistogramFactory::nil () [inline, static]`

Reimplemented in `HxCorba::Constructor` (p. 42).

2.12.3.3 `HxCorba::HistogramFactory_ptr HxCorba::HistogramFactory::narrow (CORBA::Object_ptr p) [static]`

Reimplemented in `HxCorba::Constructor` (p. 42).

2.12.3.4 `HxCorba::HistogramFactory_ptr HxCorba::HistogramFactory::unchecked_narrow (CORBA::Object_ptr p)` [static]

Reimplemented in `HxCorba::Constructor` (p. 43).

2.12.3.5 `HxCorba::HistogramFactory_ptr HxCorba::HistogramFactory::narrow (CORBA::AbstractBase_ptr p)` [static]

Reimplemented in `HxCorba::Constructor` (p. 43).

2.12.3.6 `HxCorba::HistogramFactory_ptr HxCorba::HistogramFactory::unchecked_narrow (CORBA::AbstractBase_ptr p)` [static]

Reimplemented in `HxCorba::Constructor` (p. 43).

2.12.3.7 `const char ** HxCorba::HistogramFactory::OB_staticIds ()` [static]

Reimplemented in `HxCorba::Constructor` (p. 43).

2.12.3.8 `virtual Histogram_ptr HxCorba::HistogramFactory::makeHistogramFromFile (const char * _ob_a0)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::HistogramFactory` (p. ??).

2.12.4 Member Data Documentation

2.12.4.1 `const char * HxCorba::HistogramFactory::ids_` [static, protected]

Initial value:

```
{
    "IDL:HxCorba/HistogramFactory:1.0",
    0
}
```

Reimplemented in `HxCorba::Constructor` (p. 43).

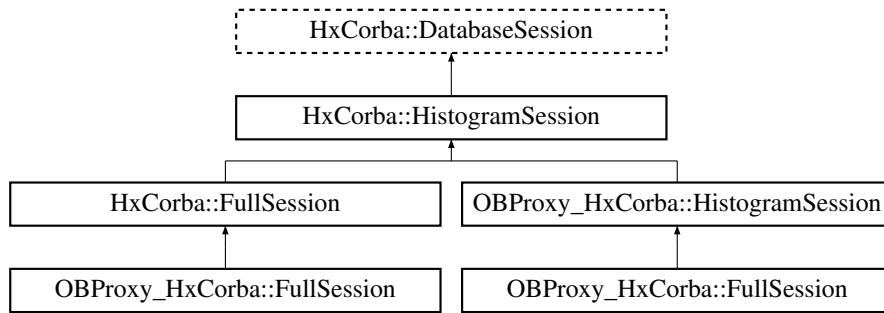
The documentation for this class was generated from the following files:

- `HxCorbaHistogram.h`
- `HxCorbaHistogram.c`

2.13 HxCorba::HistogramSession Class Reference

```
#include <HxCorbaDatabaseSessions.h>
```

Inheritance diagram for `HxCorba::HistogramSession::`



Public Types

- typedef HistogramSession_ptr_ptr_type
- typedef HistogramSession_var_var_type

Public Methods

- HistogramSession ()
- virtual ~HistogramSession ()
- virtual void addHistogram (const char *imageName, const char *setName, const FloatSeq &histoData)=0
- virtual FloatSeq * getHistogram (const char *imageName, const char *setName)=0
- virtual StringSeq * nearest (const char *imageName, const char *setName, CORBA::Long count)=0
- virtual StringSeq * random (const char *setName, CORBA::Long count)=0
- virtual StringSeq * search (CORBA::Long count, const FloatSeq &sample)=0

Static Public Methods

- HistogramSession_ptr_duplicate (HistogramSession_ptr p)
- HistogramSession_ptr_nil ()
- HistogramSession_ptr_narrow (CORBA::Object_ptr)
- HistogramSession_ptr_unchecked_narrow (CORBA::Object_ptr)
- HistogramSession_ptr_narrow (CORBA::AbstractBase_ptr)
- HistogramSession_ptr_unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.13.1 Member Typedef Documentation

2.13.1.1 typedef HistogramSession_ptr HxCorba::HistogramSession::_ptr_type

Reimplemented from HxCorba::DatabaseSession (p. 45).

Reimplemented in HxCorba::FullSession (p. 50).

2.13.1.2 `typedef HistogramSession_var HxCorba::HistogramSession::_var_type`

Reimplemented from `HxCorba::DatabaseSession` (p. 45).

Reimplemented in `HxCorba::FullSession` (p. 50).

2.13.2 Constructor & Destructor Documentation

2.13.2.1 `HxCorba::HistogramSession::HistogramSession () [inline]`

Reimplemented in `OBProxy_HxCorba::HistogramSession` (p. ??).

2.13.2.2 `virtual HxCorba::HistogramSession::~~HistogramSession () [inline, virtual]`

Reimplemented in `OBProxy_HxCorba::HistogramSession` (p. ??).

2.13.3 Member Function Documentation

2.13.3.1 `HistogramSession_ptr HxCorba::HistogramSession::_duplicate (HistogramSession_ptr p) [inline, static]`

2.13.3.2 `HistogramSession_ptr HxCorba::HistogramSession::_nil () [inline, static]`

Reimplemented from `HxCorba::DatabaseSession` (p. 45).

Reimplemented in `HxCorba::FullSession` (p. 51).

2.13.3.3 `HxCorba::HistogramSession_ptr HxCorba::HistogramSession::_narrow (CORBA::Object_ptr p) [static]`

Reimplemented from `HxCorba::DatabaseSession` (p. 45).

Reimplemented in `HxCorba::FullSession` (p. 51).

2.13.3.4 `HxCorba::HistogramSession_ptr HxCorba::HistogramSession::_unchecked_narrow (CORBA::Object_ptr p) [static]`

Reimplemented from `HxCorba::DatabaseSession` (p. 45).

Reimplemented in `HxCorba::FullSession` (p. 51).

2.13.3.5 `HxCorba::HistogramSession_ptr HxCorba::HistogramSession::_narrow (CORBA::AbstractBase_ptr p) [static]`

Reimplemented from `HxCorba::DatabaseSession` (p. 46).

Reimplemented in `HxCorba::FullSession` (p. 51).

2.13.3.6 `HxCorba::HistogramSession_ptr HxCorba::HistogramSession::unchecked_narrow (CORBA::AbstractBase_ptr p)` [static]

Reimplemented from `HxCorba::DatabaseSession` (p. 46).

Reimplemented in `HxCorba::FullSession` (p. 51).

2.13.3.7 `const char ** HxCorba::HistogramSession::_OB_staticIds ()` [static]

Reimplemented from `HxCorba::DatabaseSession` (p. 46).

Reimplemented in `HxCorba::FullSession` (p. 51).

2.13.3.8 `virtual void HxCorba::HistogramSession::addHistogram (const char * imageName, const char * setName, const FloatSeq & histoData)` [pure virtual]

2.13.3.9 `virtual FloatSeq* HxCorba::HistogramSession::getHistogram (const char * _ob_a0, const char * _ob_a1)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::HistogramSession` (p. ??).

2.13.3.10 `virtual StringSeq* HxCorba::HistogramSession::nearest (const char * _ob_a0, const char * _ob_a1, CORBA::Long _ob_a2)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::HistogramSession` (p. ??).

2.13.3.11 `virtual StringSeq* HxCorba::HistogramSession::random (const char * _ob_a0, CORBA::Long _ob_a1)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::HistogramSession` (p. ??).

2.13.3.12 `virtual StringSeq* HxCorba::HistogramSession::search (CORBA::Long count, const FloatSeq & sample)` [pure virtual]

2.13.4 Member Data Documentation

2.13.4.1 `const char * HxCorba::HistogramSession::ids_` [static, protected]

Initial value:

```
{
    "IDL:HxCorba/HistogramSession:1.0",
    "IDL:HxCorba/DatabaseSession:1.0",
    0
}
```

Reimplemented from `HxCorba::DatabaseSession` (p. 47).

Reimplemented in `HxCorba::FullSession` (p. 52).

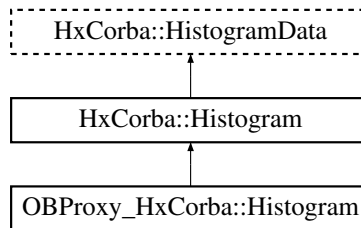
The documentation for this class was generated from the following files:

- HxCorbaDatabaseSessions.h
- HxCorbaDatabaseSessions.c

2.14 HxCorba::Histogram Class Reference

```
#include <HxCorbaHistogram.h>
```

Inheritance diagram for HxCorba::Histogram::



Public Types

- typedef Histogram_ptr_ptr_type
- typedef Histogram_var_var_type

Public Methods

- Histogram ()
- virtual ~Histogram ()
- virtual Histogram_ptr smooth (CORBA::Double sigma)=0
- virtual HistogramModeSeq * modes ()=0
- virtual Histogram_ptr normalize (CORBA::Double weight)=0
- virtual CORBA::Double intersection (Histogram_ptr h)=0
- virtual CORBA::Double chiSquare (Histogram_ptr h)=0
- virtual CORBA::Double chiSquareNorm (Histogram_ptr h)=0
- virtual Histogram_ptr threshold (CORBA::Double valThreshold)=0
- virtual CORBA::Long countBins (CORBA::Double valThreshold)=0
- virtual Histogram_ptr reduceRange (CORBA::Long binMin1, CORBA::Long binMax1, CORBA::Long binMin2, CORBA::Long binMax2, CORBA::Long binMin3, CORBA::Long binMax3)=0
- virtual Histogram_ptr reduceRangeVal (CORBA::Double binValMin1, CORBA::Double binValMax1, CORBA::Double binValMin2, CORBA::Double binValMax2, CORBA::Double binValMin3, CORBA::Double binValMax3)=0
- virtual Histogram_ptr to1D (CORBA::Long dim)=0
- virtual void render3d (RgbBuffer_ptr buf, CORBA::Long dataWidth, CORBA::Long dataHeight, CORBA::Double elevation, CORBA::Double alpha, CORBA::Double threshold)=0
- virtual void destroy ()=0
- virtual void put ()=0

Static Public Methods

- `Histogram_ptr _duplicate (Histogram_ptr p)`
- `Histogram_ptr _nil ()`
- `Histogram_ptr _narrow (CORBA::Object_ptr)`
- `Histogram_ptr _unchecked_narrow (CORBA::Object_ptr)`
- `Histogram_ptr _narrow (CORBA::AbstractBase_ptr)`
- `Histogram_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)`
- `const char ** _OB_staticIds ()`

Static Protected Attributes

- `const char * ids_ []`

2.14.1 Member Typedef Documentation

2.14.1.1 `typedef Histogram_ptr HxCorba::Histogram::_ptr_type`

Reimplemented from `HxCorba::HistogramData` (p. 75).

2.14.1.2 `typedef Histogram_var HxCorba::Histogram::_var_type`

Reimplemented from `HxCorba::HistogramData` (p. 75).

2.14.2 Constructor & Destructor Documentation

2.14.2.1 `HxCorba::Histogram::Histogram () [inline]`

Reimplemented in `OBProxy_HxCorba::Histogram` (p. ??).

2.14.2.2 `virtual HxCorba::Histogram::~~Histogram () [inline, virtual]`

Reimplemented in `OBProxy_HxCorba::Histogram` (p. ??).

2.14.3 Member Function Documentation

2.14.3.1 `Histogram_ptr HxCorba::Histogram::duplicate (Histogram_ptr p) [inline, static]`

2.14.3.2 `Histogram_ptr HxCorba::Histogram::nil () [inline, static]`

Reimplemented from `HxCorba::HistogramData` (p. 75).

2.14.3.3 `HxCorba::Histogram_ptr HxCorba::Histogram::narrow (CORBA::Object_ptr p) [static]`

Reimplemented from `HxCorba::HistogramData` (p. 76).

2.14.3.4 HxCorba::Histogram_ptr HxCorba::Histogram::unchecked_narrow (CORBA::Object_ptr *p*) [static]

Reimplemented from HxCorba::HistogramData (p. 76).

2.14.3.5 HxCorba::Histogram_ptr HxCorba::Histogram::narrow (CORBA::AbstractBase_ptr *p*) [static]

Reimplemented from HxCorba::HistogramData (p. 76).

2.14.3.6 HxCorba::Histogram_ptr HxCorba::Histogram::unchecked_narrow (CORBA::AbstractBase_ptr *p*) [static]

Reimplemented from HxCorba::HistogramData (p. 76).

2.14.3.7 const char ** HxCorba::Histogram::_OB_staticIds () [static]

Reimplemented from HxCorba::HistogramData (p. 76).

2.14.3.8 virtual Histogram_ptr HxCorba::Histogram::smooth (CORBA::Double *ob_a0*) [pure virtual]

Reimplemented in OBProxy_HxCorba::Histogram (p. ??).

2.14.3.9 virtual HistogramModeSeq* HxCorba::Histogram::modes () [pure virtual]

Reimplemented in OBProxy_HxCorba::Histogram (p. ??).

2.14.3.10 virtual Histogram_ptr HxCorba::Histogram::normalize (CORBA::Double *ob_a0*) [pure virtual]

Reimplemented in OBProxy_HxCorba::Histogram (p. ??).

2.14.3.11 virtual CORBA::Double HxCorba::Histogram::intersection (Histogram_ptr *h*) [pure virtual]

2.14.3.12 virtual CORBA::Double HxCorba::Histogram::chiSquare (Histogram_ptr *h*) [pure virtual]

2.14.3.13 virtual CORBA::Double HxCorba::Histogram::chiSquareNorm (Histogram_ptr *h*) [pure virtual]

2.14.3.14 virtual Histogram_ptr HxCorba::Histogram::threshold (CORBA::Double *ob_a0*) [pure virtual]

Reimplemented in OBProxy_HxCorba::Histogram (p. ??).

2.14.3.15 virtual CORBA::Long HxCorba::Histogram::countBins (CORBA::Double *_ob_a0*)
[pure virtual]

Reimplemented in OBProxy_HxCorba::Histogram (p. ??).

2.14.3.16 virtual Histogram_ptr HxCorba::Histogram::reduceRange (CORBA::Long *_ob_a0*,
CORBA::Long *_ob_a1*, CORBA::Long *_ob_a2*, CORBA::Long *_ob_a3*, CORBA::Long
_ob_a4, CORBA::Long *_ob_a5*) [pure virtual]

Reimplemented in OBProxy_HxCorba::Histogram (p. ??).

2.14.3.17 virtual Histogram_ptr HxCorba::Histogram::reduceRangeVal (CORBA::Double
_ob_a0, CORBA::Double *_ob_a1*, CORBA::Double *_ob_a2*, CORBA::Double *_ob_a3*,
CORBA::Double *_ob_a4*, CORBA::Double *_ob_a5*) [pure virtual]

Reimplemented in OBProxy_HxCorba::Histogram (p. ??).

2.14.3.18 virtual Histogram_ptr HxCorba::Histogram::to1D (CORBA::Long *_ob_a0*) [pure
virtual]

Reimplemented in OBProxy_HxCorba::Histogram (p. ??).

2.14.3.19 virtual void HxCorba::Histogram::render3d (RgbBuffer_ptr *buf*, CORBA::Long
dataWidth, CORBA::Long *dataHeight*, CORBA::Double *elevation*, CORBA::Double
alpha, CORBA::Double *threshold*) [pure virtual]

2.14.3.20 virtual void HxCorba::Histogram::destroy () [pure virtual]

Reimplemented in OBProxy_HxCorba::Histogram (p. ??).

2.14.3.21 virtual void HxCorba::Histogram::put () [pure virtual]

Reimplemented in OBProxy_HxCorba::Histogram (p. ??).

2.14.4 Member Data Documentation

2.14.4.1 const char * HxCorba::Histogram::ids_ [static, protected]

Initial value:

```
{
    "IDL:HxCorba/Histogram:1.0",
    "IDL:HxCorba/HistogramData:1.0",
    0
}
```

Reimplemented from HxCorba::HistogramData (p. 78).

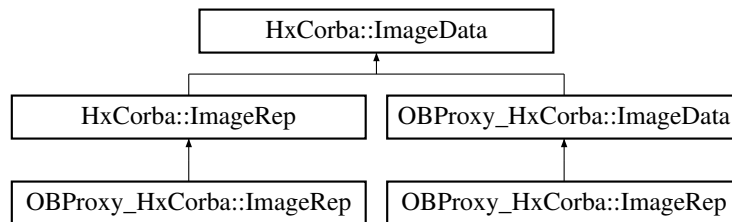
The documentation for this class was generated from the following files:

- HxCorbaHistogram.h
- HxCorbaHistogram.c

2.15 HxCorba::ImageData Class Reference

```
#include <HxCorbaImageRep.h>
```

Inheritance diagram for HxCorba::ImageData::



Public Types

- typedef ImageData_ptr_ptr_type
- typedef ImageData_var_var_type

Public Methods

- ImageData ()
- virtual ~ImageData ()
- virtual CORBA::Long dimensionality ()=0
- virtual CORBA::Long numberOfPixels ()=0
- virtual CORBA::Long pixelDimensionality ()=0
- virtual CORBA::Long pixelPrecision ()=0
- virtual PixelT pixelType ()=0
- virtual Sizes getSizes ()=0
- virtual CORBA::Long dimensionSize (CORBA::Long i)=0
- virtual ImageSignature signature ()=0
- virtual RgbSeq * getRgb2d (const char *displayMode)=0
- virtual void fillRgb2d (RgbBuffer_ptr buf, const char *displayMode)=0
- virtual ImageRepRgbSource_ptr getRgbSource ()=0

Static Public Methods

- ImageData_ptr_duplicate (ImageData_ptr p)
- ImageData_ptr_nil ()
- ImageData_ptr_narrow (CORBA::Object_ptr)
- ImageData_ptr_unchecked_narrow (CORBA::Object_ptr)
- ImageData_ptr_narrow (CORBA::AbstractBase_ptr)
- ImageData_ptr_unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- `const char * ids_ []`

2.15.1 Member Typedef Documentation

2.15.1.1 `typedef ImageData_ptr HxCorba::ImageData::ptr_type`

Reimplemented in `HxCorba::ImageRep` (p. 102).

2.15.1.2 `typedef ImageData_var HxCorba::ImageData::_var_type`

Reimplemented in `HxCorba::ImageRep` (p. 102).

2.15.2 Constructor & Destructor Documentation

2.15.2.1 `HxCorba::ImageData::ImageData () [inline]`

Reimplemented in `OBProxy_HxCorba::ImageData` (p. ??).

2.15.2.2 `virtual HxCorba::ImageData::~~ImageData () [inline, virtual]`

Reimplemented in `OBProxy_HxCorba::ImageData` (p. ??).

2.15.3 Member Function Documentation

2.15.3.1 `ImageData_ptr HxCorba::ImageData::duplicate (ImageData_ptr p) [inline, static]`

2.15.3.2 `ImageData_ptr HxCorba::ImageData::nil () [inline, static]`

Reimplemented in `HxCorba::ImageRep` (p. 103).

2.15.3.3 `HxCorba::ImageData_ptr HxCorba::ImageData::_narrow (CORBA::Object_ptr p) [static]`

Reimplemented in `HxCorba::ImageRep` (p. 103).

2.15.3.4 `HxCorba::ImageData_ptr HxCorba::ImageData::_unchecked_narrow (CORBA::Object_ptr p) [static]`

Reimplemented in `HxCorba::ImageRep` (p. 103).

2.15.3.5 `HxCorba::ImageData_ptr HxCorba::ImageData::_narrow (CORBA::AbstractBase_ptr p) [static]`

Reimplemented in `HxCorba::ImageRep` (p. 103).

2.15.3.6 `HxCorba::ImageData_ptr HxCorba::ImageData::unchecked_narrow (CORBA::AbstractBase_ptr p)` [static]

Reimplemented in `HxCorba::ImageRep` (p. 103).

2.15.3.7 `const char ** HxCorba::ImageData::_OB_staticIds ()` [static]

Reimplemented in `HxCorba::ImageRep` (p. 103).

2.15.3.8 `virtual CORBA::Long HxCorba::ImageData::dimensionality ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::ImageData` (p. ??).

2.15.3.9 `virtual CORBA::Long HxCorba::ImageData::numberOfPixels ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::ImageData` (p. ??).

2.15.3.10 `virtual CORBA::Long HxCorba::ImageData::pixelDimensionality ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::ImageData` (p. ??).

2.15.3.11 `virtual CORBA::Long HxCorba::ImageData::pixelPrecision ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::ImageData` (p. ??).

2.15.3.12 `virtual PixelT HxCorba::ImageData::pixelType ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::ImageData` (p. ??).

2.15.3.13 `virtual Sizes HxCorba::ImageData::getSizes ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::ImageData` (p. ??).

2.15.3.14 `virtual CORBA::Long HxCorba::ImageData::dimensionSize (CORBA::Long ob_a0)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::ImageData` (p. ??).

2.15.3.15 `virtual ImageSignature HxCorba::ImageData::signature ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::ImageData` (p. ??).

2.15.3.16 `virtual RgbSeq* HxCorba::ImageData::getRgb2d (const char * _ob_a0)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::ImageData` (p. ??).

2.15.3.17 `virtual void HxCorba::ImageData::fillRgb2d (RgbBuffer_ptr buf, const char * displayMode)` [pure virtual]

2.15.3.18 `virtual ImageRepRgbSource_ptr HxCorba::ImageData::getRgbSource ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::ImageData` (p. ??).

2.15.4 Member Data Documentation

2.15.4.1 `const char * HxCorba::ImageData::ids_` [static, protected]

Initial value:

```
{
    "IDL:HxCorba/ImageData:1.0",
    0
}
```

Reimplemented in `HxCorba::ImageRep` (p. 105).

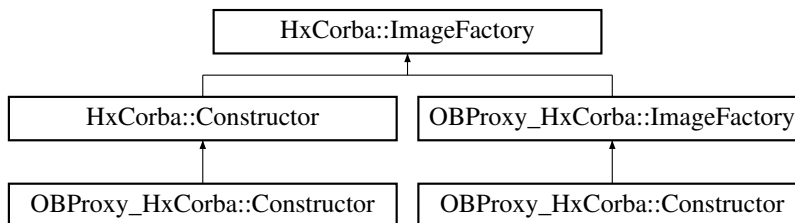
The documentation for this class was generated from the following files:

- `HxCorbaImageRep.h`
- `HxCorbaImageRep.c`

2.16 HxCorba::ImageFactory Class Reference

```
#include <HxCorbaImageRep.h>
```

Inheritance diagram for `HxCorba::ImageFactory`:



Public Types

- `typedef ImageFactory_ptr_ptr_type`
- `typedef ImageFactory_var_var_type`

Public Methods

- ImageFactory ()
- virtual ~ImageFactory ()
- virtual ImageRep_ptr importImage (ImageData_ptr data)=0
- virtual ImageRep_ptr fromSignature (ImageSignature sig, const Sizes &size)=0
- virtual ImageRep_ptr fromImage (ImageSignature sig, ImageRep_ptr src)=0
- virtual ImageRep_ptr fromValue (ImageSignature sig, const Sizes &size, const PixValue &val)=0
- virtual ImageRep_ptr fromByteData (CORBA::Long pixelDimensionality, CORBA::Long dimensions, const Sizes &size, const OctetSeq &data)=0
- virtual ImageRep_ptr fromShortData (CORBA::Long pixelDimensionality, CORBA::Long dimensions, const Sizes &size, const ShortSeq &data)=0
- virtual ImageRep_ptr fromIntData (CORBA::Long pixelDimensionality, CORBA::Long dimensions, const Sizes &size, const LongSeq &data)=0
- virtual ImageRep_ptr fromFloatData (CORBA::Long pixelDimensionality, CORBA::Long dimensions, const Sizes &size, const FloatSeq &data)=0
- virtual ImageRep_ptr fromDoubleData (CORBA::Long pixelDimensionality, CORBA::Long dimensions, const Sizes &size, const DoubleSeq &data)=0
- virtual ImageRep_ptr fromJavaRgb (ImageSignature sig, const Sizes &size, const RgbSeq &pixels)=0
- virtual ImageRep_ptr fromGrayValue (ImageSignature sig, const Sizes &size, const OctetSeq &pixels)=0
- virtual ImageRep_ptr fromMatlab (ImageSignature sig, const Sizes &size, const DoubleSeq &pixels)=0
- virtual ImageRep_ptr fromNamedGenerator (ImageSignature sig, const char *generatorName, TagList_ptr tags)=0
- virtual ImageRep_ptr fromImport (ImageSignature sig, const Sizes &size, const char *importOp, TagList_ptr tags)=0
- virtual ImageRep_ptr from2Images (ImageRep_ptr i1, ImageRep_ptr i2)=0
- virtual ImageRep_ptr from3Images (ImageRep_ptr i1, ImageRep_ptr i2, ImageRep_ptr i3)=0
- virtual ImageRep_ptr fromFile (const char *fileName)=0

Static Public Methods

- ImageFactory_ptr _duplicate (ImageFactory_ptr p)
- ImageFactory_ptr _nil ()
- ImageFactory_ptr _narrow (CORBA::Object_ptr)
- ImageFactory_ptr _unchecked_narrow (CORBA::Object_ptr)
- ImageFactory_ptr _narrow (CORBA::AbstractBase_ptr)
- ImageFactory_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.16.1 Member Typedef Documentation

2.16.1.1 typedef ImageFactory_ptr HxCorba::ImageFactory::_ptr_type

Reimplemented in HxCorba::Constructor (p. 42).

2.16.1.2 typedef ImageFactory_var HxCorba::ImageFactory::_var_type

Reimplemented in HxCorba::Constructor (p. 42).

2.16.2 Constructor & Destructor Documentation

2.16.2.1 HxCorba::ImageFactory::ImageFactory () [inline]

Reimplemented in OBProxy_HxCorba::ImageFactory (p. ??).

2.16.2.2 virtual HxCorba::ImageFactory::~~ImageFactory () [inline, virtual]

Reimplemented in OBProxy_HxCorba::ImageFactory (p. ??).

2.16.3 Member Function Documentation

2.16.3.1 ImageFactory_ptr HxCorba::ImageFactory::duplicate (ImageFactory_ptr p) [inline, static]

2.16.3.2 ImageFactory_ptr HxCorba::ImageFactory::nil () [inline, static]

Reimplemented in HxCorba::Constructor (p. 42).

2.16.3.3 HxCorba::ImageFactory_ptr HxCorba::ImageFactory::narrow (CORBA::Object_ptr p) [static]

Reimplemented in HxCorba::Constructor (p. 42).

2.16.3.4 HxCorba::ImageFactory_ptr HxCorba::ImageFactory::unchecked_narrow (CORBA::Object_ptr p) [static]

Reimplemented in HxCorba::Constructor (p. 43).

2.16.3.5 HxCorba::ImageFactory_ptr HxCorba::ImageFactory::narrow (CORBA::AbstractBase_ptr p) [static]

Reimplemented in HxCorba::Constructor (p. 43).

2.16.3.6 `HxCorba::ImageFactory_ptr HxCorba::ImageFactory::unchecked_narrow (CORBA::AbstractBase_ptr p)` [static]

Reimplemented in `HxCorba::Constructor` (p. 43).

2.16.3.7 `const char ** HxCorba::ImageFactory::OB_staticIds ()` [static]

Reimplemented in `HxCorba::Constructor` (p. 43).

- 2.16.3.8 `virtual ImageRep_ptr HxCorba::ImageFactory::importImage (ImageData_ptr data)`
[pure virtual]
- 2.16.3.9 `virtual ImageRep_ptr HxCorba::ImageFactory::fromSignature (ImageSignature sig, const Sizes & size)` [pure virtual]
- 2.16.3.10 `virtual ImageRep_ptr HxCorba::ImageFactory::fromImage (ImageSignature sig, ImageRep_ptr src)` [pure virtual]
- 2.16.3.11 `virtual ImageRep_ptr HxCorba::ImageFactory::fromValue (ImageSignature sig, const Sizes & size, const PixValue & val)` [pure virtual]
- 2.16.3.12 `virtual ImageRep_ptr HxCorba::ImageFactory::fromByteData (CORBA::Long pixelDimensionality, CORBA::Long dimensions, const Sizes & size, const OctetSeq & data)` [pure virtual]
- 2.16.3.13 `virtual ImageRep_ptr HxCorba::ImageFactory::fromShortData (CORBA::Long pixelDimensionality, CORBA::Long dimensions, const Sizes & size, const ShortSeq & data)` [pure virtual]
- 2.16.3.14 `virtual ImageRep_ptr HxCorba::ImageFactory::fromIntData (CORBA::Long pixelDimensionality, CORBA::Long dimensions, const Sizes & size, const LongSeq & data)` [pure virtual]
- 2.16.3.15 `virtual ImageRep_ptr HxCorba::ImageFactory::fromFloatData (CORBA::Long pixelDimensionality, CORBA::Long dimensions, const Sizes & size, const FloatSeq & data)` [pure virtual]
- 2.16.3.16 `virtual ImageRep_ptr HxCorba::ImageFactory::fromDoubleData (CORBA::Long pixelDimensionality, CORBA::Long dimensions, const Sizes & size, const DoubleSeq & data)` [pure virtual]
- 2.16.3.17 `virtual ImageRep_ptr HxCorba::ImageFactory::fromJavaRgb (ImageSignature sig, const Sizes & size, const RgbSeq & pixels)` [pure virtual]
- 2.16.3.18 `virtual ImageRep_ptr HxCorba::ImageFactory::fromGrayValue (ImageSignature sig, const Sizes & size, const OctetSeq & pixels)` [pure virtual]
- 2.16.3.19 `virtual ImageRep_ptr HxCorba::ImageFactory::fromMatlab (ImageSignature sig, const Sizes & size, const DoubleSeq & pixels)` [pure virtual]
- 2.16.3.20 `virtual ImageRep_ptr HxCorba::ImageFactory::fromNamedGenerator (ImageSignature sig, const char * generatorName, TagList_ptr tags)` [pure virtual]
- 2.16.3.21 `virtual ImageRep_ptr HxCorba::ImageFactory::fromImport (ImageSignature sig, const Sizes & size, const char * importOp, TagList_ptr tags)` [pure virtual]
- 2.16.3.22 `virtual ImageRep_ptr HxCorba::ImageFactory::from2Images (ImageRep_ptr i1, ImageRep_ptr i2)` [pure virtual]
- 2.16.3.23 `virtual ImageRep_ptr HxCorba::ImageFactory::from3Images (ImageRep_ptr i1, ImageRep_ptr i2, ImageRep_ptr i3)` [pure virtual]
- 2.16.3.24 `virtual ImageRep_ptr HxCorba::ImageFactory::fromFile (const char * ob_a0)` [pure virtual]

2.16.4 Member Data Documentation

2.16.4.1 `const char * HxCorba::ImageFactory::ids_` [static, protected]

Initial value:

```
{
    "IDL:HxCorba/ImageFactory:1.0",
    0
}
```

Reimplemented in `HxCorba::Constructor` (p. 43).

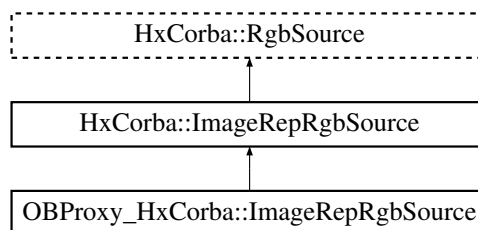
The documentation for this class was generated from the following files:

- `HxCorbaImageRep.h`
- `HxCorbaImageRep.c`

2.17 HxCorba::ImageRepRgbSource Class Reference

```
#include <HxCorbaImageRep.h>
```

Inheritance diagram for `HxCorba::ImageRepRgbSource`:



Public Types

- `typedef ImageRepRgbSource_ptr _ptr_type`
- `typedef ImageRepRgbSource_var _var_type`

Public Methods

- `ImageRepRgbSource ()`
- `virtual ~ImageRepRgbSource ()`
- `virtual void setDisplayMode (const char *displayMode)=0`
- `virtual char * getDisplayMode ()=0`
- `virtual void setSize (const Sizes &newSize)=0`
- `virtual void setMaxSize (const Sizes &maxSize)=0`
- `virtual void scale (CORBA::Float factor)=0`
- `virtual void setTransferSize (CORBA::Long nLines)=0`
- `virtual CORBA::Long getTransferSize ()=0`
- `virtual void setTransferPos (CORBA::Long line)=0`

- virtual CORBA::Long getTransferPos ()=0
- virtual Sizes getSizes ()=0
- virtual Sizes getOriginalSizes ()=0
- virtual void close ()=0

Static Public Methods

- ImageRepRgbSource_ptr _duplicate (ImageRepRgbSource_ptr p)
- ImageRepRgbSource_ptr _nil ()
- ImageRepRgbSource_ptr _narrow (CORBA::Object_ptr)
- ImageRepRgbSource_ptr _unchecked_narrow (CORBA::Object_ptr)
- ImageRepRgbSource_ptr _narrow (CORBA::AbstractBase_ptr)
- ImageRepRgbSource_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.17.1 Member Typedef Documentation

2.17.1.1 typedef ImageRepRgbSource_ptr HxCorba::ImageRepRgbSource::ptr_type

Reimplemented from HxCorba::RgbSource (p. 148).

2.17.1.2 typedef ImageRepRgbSource_var HxCorba::ImageRepRgbSource::var_type

Reimplemented from HxCorba::RgbSource (p. 148).

2.17.2 Constructor & Destructor Documentation

2.17.2.1 HxCorba::ImageRepRgbSource::ImageRepRgbSource () [inline]

Reimplemented in OBProxy_HxCorba::ImageRepRgbSource (p. ??).

2.17.2.2 virtual HxCorba::ImageRepRgbSource::~~ImageRepRgbSource () [inline, virtual]

Reimplemented in OBProxy_HxCorba::ImageRepRgbSource (p. ??).

2.17.3 Member Function Documentation

2.17.3.1 `ImageRepRgbSource_ptr HxCorba::ImageRepRgbSource::_duplicate (ImageRepRgbSource_ptr p)` [inline, static]

2.17.3.2 `ImageRepRgbSource_ptr HxCorba::ImageRepRgbSource::_nil ()` [inline, static]

Reimplemented from `HxCorba::RgbSource` (p. 148).

2.17.3.3 `HxCorba::ImageRepRgbSource_ptr HxCorba::ImageRepRgbSource::_narrow (CORBA::Object_ptr p)` [static]

Reimplemented from `HxCorba::RgbSource` (p. 148).

2.17.3.4 `HxCorba::ImageRepRgbSource_ptr HxCorba::ImageRepRgbSource::_unchecked_narrow (CORBA::Object_ptr p)` [static]

Reimplemented from `HxCorba::RgbSource` (p. 149).

2.17.3.5 `HxCorba::ImageRepRgbSource_ptr HxCorba::ImageRepRgbSource::_narrow (CORBA::AbstractBase_ptr p)` [static]

Reimplemented from `HxCorba::RgbSource` (p. 149).

2.17.3.6 `HxCorba::ImageRepRgbSource_ptr HxCorba::ImageRepRgbSource::_unchecked_narrow (CORBA::AbstractBase_ptr p)` [static]

Reimplemented from `HxCorba::RgbSource` (p. 149).

2.17.3.7 `const char ** HxCorba::ImageRepRgbSource::_OB_staticIds ()` [static]

Reimplemented from `HxCorba::RgbSource` (p. 149).

2.17.3.8 `virtual void HxCorba::ImageRepRgbSource::setDisplayMode (const char * ob_id)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::ImageRepRgbSource` (p. ??).

2.17.3.9 `virtual char* HxCorba::ImageRepRgbSource::getDisplayMode ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::ImageRepRgbSource` (p. ??).

2.17.3.10 virtual void HxCorba::ImageRepRgbSource::setSize (const Sizes & *newSize*) [pure virtual]

2.17.3.11 virtual void HxCorba::ImageRepRgbSource::setMaxSize (const Sizes & *maxSize*) [pure virtual]

2.17.3.12 virtual void HxCorba::ImageRepRgbSource::scale (CORBA::Float *_ob_a0*) [pure virtual]

Reimplemented in OBProxy_HxCorba::ImageRepRgbSource (p. ??).

2.17.3.13 virtual void HxCorba::ImageRepRgbSource::setTransferSize (CORBA::Long *_ob_a0*) [pure virtual]

Reimplemented in OBProxy_HxCorba::ImageRepRgbSource (p. ??).

2.17.3.14 virtual CORBA::Long HxCorba::ImageRepRgbSource::getTransferSize () [pure virtual]

Reimplemented in OBProxy_HxCorba::ImageRepRgbSource (p. ??).

2.17.3.15 virtual void HxCorba::ImageRepRgbSource::setTransferPos (CORBA::Long *_ob_a0*) [pure virtual]

Reimplemented in OBProxy_HxCorba::ImageRepRgbSource (p. ??).

2.17.3.16 virtual CORBA::Long HxCorba::ImageRepRgbSource::getTransferPos () [pure virtual]

Reimplemented in OBProxy_HxCorba::ImageRepRgbSource (p. ??).

2.17.3.17 virtual Sizes HxCorba::ImageRepRgbSource::getSizes () [pure virtual]

Reimplemented in OBProxy_HxCorba::ImageRepRgbSource (p. ??).

2.17.3.18 virtual Sizes HxCorba::ImageRepRgbSource::getOriginalSizes () [pure virtual]

Reimplemented in OBProxy_HxCorba::ImageRepRgbSource (p. ??).

2.17.3.19 virtual void HxCorba::ImageRepRgbSource::close () [pure virtual]

Reimplemented in OBProxy_HxCorba::ImageRepRgbSource (p. ??).

2.17.4 Member Data Documentation

2.17.4.1 const char * HxCorba::ImageRepRgbSource::ids_ [static, protected]

Initial value:


```
{
    "IDL:HxCorba/ImageRepRgbSource:1.0",
    "IDL:HxCorba/RgbSource:1.0",
    0
}
```

Reimplemented from `HxCorba::RgbSource` (p. 149).

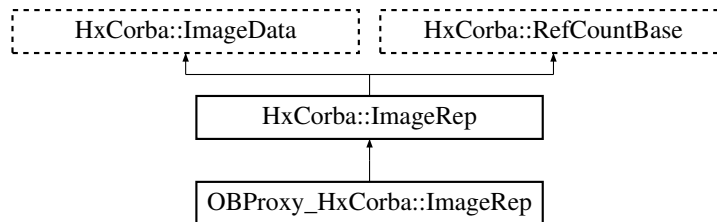
The documentation for this class was generated from the following files:

- `HxCorbaImageRep.h`
- `HxCorbaImageRep.c`

2.18 HxCorba::ImageRep Class Reference

```
#include <HxCorbaImageRep.h>
```

Inheritance diagram for `HxCorba::ImageRep`:



Public Types

- `typedef ImageRep_ptr_ptr_type`
- `typedef ImageRep_var_var_type`

Public Methods

- `ImageRep ()`
- `virtual ~ImageRep ()`
- `virtual ImageRep_ptr binaryPixOp (ImageRep_ptr arg, const char *bpoName, TagList_ptr tags)=0`
- `virtual ImageRep_ptr binaryPixOpVal (const PixValue &arg, const char *bpoName, TagList_ptr tags)=0`
- `virtual ImageRep_ptr unaryPixOp (const char *upoName, TagList_ptr tags)=0`
- `virtual ImageRep_ptr multiPixOp (const ImageList &args, const char *mpoName, TagList_ptr tags)=0`
- `virtual ImageList * MNPixOp (const ImageList &args, const char *mpoName, TagList_ptr tags)=0`
- `virtual PixValue reduceOp (const char *op, TagList_ptr tags)=0`
- `virtual ImageRep_ptr generalizedConvolution (ImageRep_ptr kernel, const char *gMul, const char *gAdd, ResultPrecision resPrec, TagList_ptr tags)=0`
- `virtual ImageRep_ptr genConv2dSep (ImageRep_ptr kernel1, ImageRep_ptr kernel2, const char *gMul, const char *gAdd, ResultPrecision resPrec, TagList_ptr tags)=0`

- virtual ImageRep_ptr recGenConv (ImageRep_ptr kerImg, const char *gMul, const char *gAdd, ResultPrecision resPrec, TagList_ptr tags)=0
- virtual ImageRep_ptr neighbourhoodOp (const char *ngbName, TagList_ptr tags)=0
- virtual ImageRep_ptr geometricOp2d (Matrix_ptr func, GeoIntType gi, GeoTransType gt, CORBA::Boolean adjustSize, const PixValue &background)=0
- virtual ImageRep_ptr scale (CORBA::Double sx, CORBA::Double sy, GeoIntType gi)=0
- virtual PixValue getAt (CORBA::Long x, CORBA::Long y, CORBA::Long zz)=0
- virtual void destroy ()=0

Static Public Methods

- ImageRep_ptr _duplicate (ImageRep_ptr p)
- ImageRep_ptr _nil ()
- ImageRep_ptr _narrow (CORBA::Object_ptr)
- ImageRep_ptr _unchecked_narrow (CORBA::Object_ptr)
- ImageRep_ptr _narrow (CORBA::AbstractBase_ptr)
- ImageRep_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.18.1 Member Typedef Documentation

2.18.1.1 typedef ImageRep_ptr HxCORBA::ImageRep::_ptr_type

Reimplemented from HxCORBA::ImageData (p. 89).

2.18.1.2 typedef ImageRep_var HxCORBA::ImageRep::_var_type

Reimplemented from HxCORBA::ImageData (p. 89).

2.18.2 Constructor & Destructor Documentation

2.18.2.1 HxCORBA::ImageRep::ImageRep () [inline]

Reimplemented in OBProxy_HxCORBA::ImageRep (p. ??).

2.18.2.2 virtual HxCORBA::ImageRep::~~ImageRep () [inline, virtual]

Reimplemented in OBProxy_HxCORBA::ImageRep (p. ??).

2.18.3 Member Function Documentation

2.18.3.1 `ImageRep_ptr HxCorba::ImageRep::_duplicate (ImageRep_ptr p)` [`inline`, `static`]

2.18.3.2 `ImageRep_ptr HxCorba::ImageRep::_nil ()` [`inline`, `static`]

Reimplemented from `HxCorba::ImageData` (p. 89).

2.18.3.3 `HxCorba::ImageRep_ptr HxCorba::ImageRep::_narrow (CORBA::Object_ptr p)` [`static`]

Reimplemented from `HxCorba::ImageData` (p. 89).

2.18.3.4 `HxCorba::ImageRep_ptr HxCorba::ImageRep::_unchecked_narrow (CORBA::Object_ptr p)` [`static`]

Reimplemented from `HxCorba::ImageData` (p. 89).

2.18.3.5 `HxCorba::ImageRep_ptr HxCorba::ImageRep::_narrow (CORBA::AbstractBase_ptr p)` [`static`]

Reimplemented from `HxCorba::ImageData` (p. 89).

2.18.3.6 `HxCorba::ImageRep_ptr HxCorba::ImageRep::_unchecked_narrow (CORBA::AbstractBase_ptr p)` [`static`]

Reimplemented from `HxCorba::ImageData` (p. 90).

2.18.3.7 `const char ** HxCorba::ImageRep::_OB_staticIds ()` [`static`]

Reimplemented from `HxCorba::ImageData` (p. 90).

- 2.18.3.8 virtual ImageRep_ptr HxCorba::ImageRep::binaryPixOp (ImageRep_ptr *arg*, const char * *bpoName*, TagList_ptr *tags*) [pure virtual]
- 2.18.3.9 virtual ImageRep_ptr HxCorba::ImageRep::binaryPixOpVal (const PixValue & *arg*, const char * *bpoName*, TagList_ptr *tags*) [pure virtual]
- 2.18.3.10 virtual ImageRep_ptr HxCorba::ImageRep::unaryPixOp (const char * *upoName*, TagList_ptr *tags*) [pure virtual]
- 2.18.3.11 virtual ImageRep_ptr HxCorba::ImageRep::multiPixOp (const ImageList & *args*, const char * *mpoName*, TagList_ptr *tags*) [pure virtual]
- 2.18.3.12 virtual ImageList* HxCorba::ImageRep::MNPixOp (const ImageList & *args*, const char * *mpoName*, TagList_ptr *tags*) [pure virtual]
- 2.18.3.13 virtual PixValue HxCorba::ImageRep::reduceOp (const char * *op*, TagList_ptr *tags*) [pure virtual]
- 2.18.3.14 virtual ImageRep_ptr HxCorba::ImageRep::generalizedConvolution (ImageRep_ptr *kernel*, const char * *gMul*, const char * *gAdd*, ResultPrecision *resPrec*, TagList_ptr *tags*) [pure virtual]
- 2.18.3.15 virtual ImageRep_ptr HxCorba::ImageRep::genConv2dSep (ImageRep_ptr *kernel1*, ImageRep_ptr *kernel2*, const char * *gMul*, const char * *gAdd*, ResultPrecision *resPrec*, TagList_ptr *tags*) [pure virtual]
- 2.18.3.16 virtual ImageRep_ptr HxCorba::ImageRep::recGenConv (ImageRep_ptr *kerImg*, const char * *gMul*, const char * *gAdd*, ResultPrecision *resPrec*, TagList_ptr *tags*) [pure virtual]
- 2.18.3.17 virtual ImageRep_ptr HxCorba::ImageRep::neighbourhoodOp (const char * *ngbName*, TagList_ptr *tags*) [pure virtual]
- 2.18.3.18 virtual ImageRep_ptr HxCorba::ImageRep::geometricOp2d (Matrix_ptr *func*, GeoIntType *gi*, GeoTransType *gt*, CORBA::Boolean *adjustSize*, const PixValue & *background*) [pure virtual]
- 2.18.3.19 virtual ImageRep_ptr HxCorba::ImageRep::scale (CORBA::Double *sx*, CORBA::Double *sy*, GeoIntType *gi*) [pure virtual]
- 2.18.3.20 virtual PixValue HxCorba::ImageRep::getAt (CORBA::Long *ob_a0*, CORBA::Long *ob_a1*, CORBA::Long *ob_a2*) [pure virtual]

Reimplemented in OBProxy_HxCorba::ImageRep (p. ??).

- 2.18.3.21 virtual void HxCorba::ImageRep::destroy () [pure virtual]

Reimplemented in OBProxy_HxCorba::ImageRep (p. ??).

2.18.4 Member Data Documentation

2.18.4.1 `const char * HxCorba::ImageRep::ids_` [static, protected]

Initial value:

```
{
  "IDL:HxCorba/ImageRep:1.0",
  "IDL:HxCorba/ImageData:1.0",
  "IDL:HxCorba/RefCountBase:1.0",
  0
}
```

Reimplemented from `HxCorba::ImageData` (p. 91).

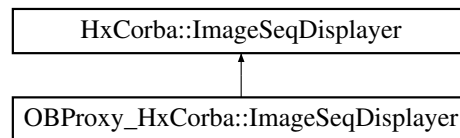
The documentation for this class was generated from the following files:

- `HxCorbaImageRep.h`
- `HxCorbaImageRep.c`

2.19 HxCorba::ImageSeqDisplayer Class Reference

```
#include <HxCorbaImageSeq.h>
```

Inheritance diagram for `HxCorba::ImageSeqDisplayer::`



Public Types

- `typedef ImageSeqDisplayer_ptr_ptr_type`
- `typedef ImageSeqDisplayer_var_var_type`

Public Methods

- `ImageSeqDisplayer ()`
- `virtual ~ImageSeqDisplayer ()`
- `virtual RgbSeq * getRgb2d (CORBA::Long frameNr)=0`
- `virtual void fillRgb2d (CORBA::Long frameNr, RgbBuffer_ptr buf)=0`
- `virtual CORBA::Long nrFrames ()=0`
- `virtual void setDisplayMode (const char *displayMode)=0`
- `virtual char * getDisplayMode ()=0`
- `virtual void setSize (const Sizes &newSize)=0`
- `virtual Sizes getSizes ()=0`
- `virtual Sizes getOriginalSizes ()=0`
- `virtual void close ()=0`

Static Public Methods

- `ImageSeqDisplayer_ptr _duplicate (ImageSeqDisplayer_ptr p)`
- `ImageSeqDisplayer_ptr _nil ()`
- `ImageSeqDisplayer_ptr _narrow (CORBA::Object_ptr)`
- `ImageSeqDisplayer_ptr _unchecked_narrow (CORBA::Object_ptr)`
- `ImageSeqDisplayer_ptr _narrow (CORBA::AbstractBase_ptr)`
- `ImageSeqDisplayer_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)`
- `const char ** _OB_staticIds ()`

Static Protected Attributes

- `const char * ids_ []`

2.19.1 Member Typedef Documentation

2.19.1.1 `typedef ImageSeqDisplayer_ptr HxCorba::ImageSeqDisplayer::ptr_type`

2.19.1.2 `typedef ImageSeqDisplayer_var HxCorba::ImageSeqDisplayer::var_type`

2.19.2 Constructor & Destructor Documentation

2.19.2.1 `HxCorba::ImageSeqDisplayer::ImageSeqDisplayer () [inline]`

Reimplemented in `OBProxy_HxCorba::ImageSeqDisplayer (p. ??)`.

2.19.2.2 `virtual HxCorba::ImageSeqDisplayer::~~ImageSeqDisplayer () [inline, virtual]`

Reimplemented in `OBProxy_HxCorba::ImageSeqDisplayer (p. ??)`.

2.19.3 Member Function Documentation

2.19.3.1 `ImageSeqDisplayer_ptr HxCorba::ImageSeqDisplayer::duplicate (ImageSeqDisplayer_ptr p)` [inline, static]

2.19.3.2 `ImageSeqDisplayer_ptr HxCorba::ImageSeqDisplayer::nil ()` [inline, static]

2.19.3.3 `HxCorba::ImageSeqDisplayer_ptr HxCorba::ImageSeqDisplayer::narrow (CORBA::Object_ptr p)` [static]

2.19.3.4 `HxCorba::ImageSeqDisplayer_ptr HxCorba::ImageSeqDisplayer::unchecked_narrow (CORBA::Object_ptr p)` [static]

2.19.3.5 `HxCorba::ImageSeqDisplayer_ptr HxCorba::ImageSeqDisplayer::narrow (CORBA::AbstractBase_ptr p)` [static]

2.19.3.6 `HxCorba::ImageSeqDisplayer_ptr HxCorba::ImageSeqDisplayer::unchecked_narrow (CORBA::AbstractBase_ptr p)` [static]

2.19.3.7 `const char ** HxCorba::ImageSeqDisplayer::OB_staticIds ()` [static]

2.19.3.8 `virtual RgbSeq* HxCorba::ImageSeqDisplayer::getRgb2d (CORBA::Long ob_a0)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::ImageSeqDisplayer` (p. ??).

2.19.3.9 `virtual void HxCorba::ImageSeqDisplayer::fillRgb2d (CORBA::Long frameNr, RgbBuffer_ptr buf)` [pure virtual]

2.19.3.10 `virtual CORBA::Long HxCorba::ImageSeqDisplayer::nrFrames ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::ImageSeqDisplayer` (p. ??).

2.19.3.11 `virtual void HxCorba::ImageSeqDisplayer::setDisplayMode (const char * ob_a0)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::ImageSeqDisplayer` (p. ??).

2.19.3.12 `virtual char* HxCorba::ImageSeqDisplayer::getDisplayMode ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::ImageSeqDisplayer` (p. ??).

2.19.3.13 `virtual void HxCorba::ImageSeqDisplayer::setSize (const Sizes & newSize)` [pure virtual]

2.19.3.14 `virtual Sizes HxCorba::ImageSeqDisplayer::getSizes ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::ImageSeqDisplayer` (p. ??).

2.19.3.15 virtual Sizes HxCorba::ImageSeqDisplayer::getOriginalSizes () [pure virtual]

Reimplemented in OBProxy_HxCorba::ImageSeqDisplayer (p. ??).

2.19.3.16 virtual void HxCorba::ImageSeqDisplayer::close () [pure virtual]

Reimplemented in OBProxy_HxCorba::ImageSeqDisplayer (p. ??).

2.19.4 Member Data Documentation

2.19.4.1 const char * HxCorba::ImageSeqDisplayer::ids_ [static, protected]

Initial value:

```
{
    "IDL:HxCorba/ImageSeqDisplayer:1.0",
    0
}
```

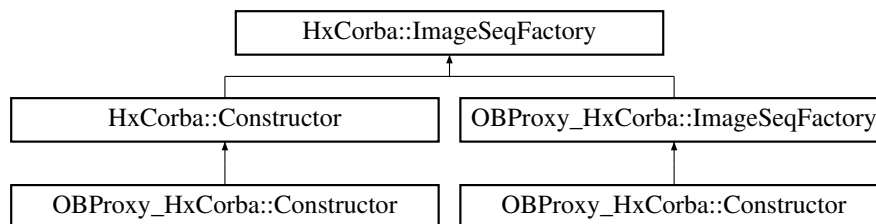
The documentation for this class was generated from the following files:

- HxCorbaImageSeq.h
- HxCorbaImageSeq.c

2.20 HxCorba::ImageSeqFactory Class Reference

```
#include <HxCorbaImageSeq.h>
```

Inheritance diagram for HxCorba::ImageSeqFactory::



Public Types

- typedef ImageSeqFactory_ptr _ptr_type
- typedef ImageSeqFactory_var _var_type

Public Methods

- ImageSeqFactory ()
- virtual ~ImageSeqFactory ()
- virtual ImageSeq_ptr constructImageSeq (const char *name)=0

- virtual ImageSeq_ptr constructBufferedImageSeq (const char *name, CORBA::Long bufferSize)=0
- virtual void setUseMDC (CORBA::Long flag)=0

Static Public Methods

- ImageSeqFactory_ptr _duplicate (ImageSeqFactory_ptr p)
- ImageSeqFactory_ptr _nil ()
- ImageSeqFactory_ptr _narrow (CORBA::Object_ptr)
- ImageSeqFactory_ptr _unchecked_narrow (CORBA::Object_ptr)
- ImageSeqFactory_ptr _narrow (CORBA::AbstractBase_ptr)
- ImageSeqFactory_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.20.1 Member Typedef Documentation

2.20.1.1 typedef ImageSeqFactory_ptr HxCorba::ImageSeqFactory::_ptr_type

Reimplemented in HxCorba::Constructor (p. 42).

2.20.1.2 typedef ImageSeqFactory_var HxCorba::ImageSeqFactory::_var_type

Reimplemented in HxCorba::Constructor (p. 42).

2.20.2 Constructor & Destructor Documentation

2.20.2.1 HxCorba::ImageSeqFactory::ImageSeqFactory () [inline]

Reimplemented in OBProxy_HxCorba::ImageSeqFactory (p. ??).

2.20.2.2 virtual HxCorba::ImageSeqFactory::~~ImageSeqFactory () [inline, virtual]

Reimplemented in OBProxy_HxCorba::ImageSeqFactory (p. ??).

2.20.3 Member Function Documentation

2.20.3.1 ImageSeqFactory_ptr HxCorba::ImageSeqFactory::duplicate (ImageSeqFactory_ptr p) [inline, static]

2.20.3.2 ImageSeqFactory_ptr HxCorba::ImageSeqFactory::nil () [inline, static]

Reimplemented in HxCorba::Constructor (p. 42).

2.20.3.3 HxCorba::ImageSeqFactory_ptr HxCorba::ImageSeqFactory::narrow
(CORBA::Object_ptr *p*) [static]

Reimplemented in HxCorba::Constructor (p. 42).

2.20.3.4 HxCorba::ImageSeqFactory_ptr HxCorba::ImageSeqFactory::unchecked_narrow
(CORBA::Object_ptr *p*) [static]

Reimplemented in HxCorba::Constructor (p. 43).

2.20.3.5 HxCorba::ImageSeqFactory_ptr HxCorba::ImageSeqFactory::narrow
(CORBA::AbstractBase_ptr *p*) [static]

Reimplemented in HxCorba::Constructor (p. 43).

2.20.3.6 HxCorba::ImageSeqFactory_ptr HxCorba::ImageSeqFactory::unchecked_narrow
(CORBA::AbstractBase_ptr *p*) [static]

Reimplemented in HxCorba::Constructor (p. 43).

2.20.3.7 const char ** HxCorba::ImageSeqFactory::OB_staticIds () [static]

Reimplemented in HxCorba::Constructor (p. 43).

2.20.3.8 virtual ImageSeq_ptr HxCorba::ImageSeqFactory::constructImageSeq (const char *
_ob_a0) [pure virtual]

Reimplemented in OBProxy_HxCorba::ImageSeqFactory (p. ??).

2.20.3.9 virtual ImageSeq_ptr HxCorba::ImageSeqFactory::constructBufferedImageSeq (const
char * *_ob_a0*, CORBA::Long *_ob_a1*) [pure virtual]

Reimplemented in OBProxy_HxCorba::ImageSeqFactory (p. ??).

2.20.3.10 virtual void HxCorba::ImageSeqFactory::setUseMDC (CORBA::Long *_ob_a0*) [pure
virtual]

Reimplemented in OBProxy_HxCorba::ImageSeqFactory (p. ??).

2.20.4 Member Data Documentation

2.20.4.1 const char * HxCorba::ImageSeqFactory::ids_ [static, protected]

Initial value:

```
{
    "IDL:HxCorba/ImageSeqFactory:1.0",
```

```

    0
}

```

Reimplemented in `HxCorba::Constructor` (p. 43).

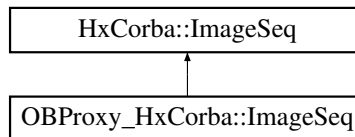
The documentation for this class was generated from the following files:

- `HxCorbaImageSeq.h`
- `HxCorbaImageSeq.c`

2.21 HxCorba::ImageSeq Class Reference

```
#include <HxCorbaImageSeq.h>
```

Inheritance diagram for `HxCorba::ImageSeq`:



Public Types

- `typedef ImageSeq_ptr_ptr_type`
- `typedef ImageSeq_var_var_type`

Public Methods

- `ImageSeq ()`
- `virtual ~ImageSeq ()`
- `virtual ImageRep_ptr getFrame (CORBA::Long frameNr)=0`
- `virtual CORBA::Long nrFrames ()=0`
- `virtual Sizes frameSizes ()=0`
- `virtual RgbSeq * getRgb2d (CORBA::Long frameNr, const char *displayMode)=0`
- `virtual void fillRgb2d (CORBA::Long frameNr, RgbBuffer_ptr buf, const char *displayMode)=0`
- `virtual ImageSeqDisplayer_ptr getDisplayer ()=0`
- `virtual VxSegmentation_ptr findCuts (TagList_ptr tags)=0`
- `virtual void destroy ()=0`

Static Public Methods

- `ImageSeq_ptr _duplicate (ImageSeq_ptr p)`
- `ImageSeq_ptr _nil ()`
- `ImageSeq_ptr _narrow (CORBA::Object_ptr)`
- `ImageSeq_ptr _unchecked_narrow (CORBA::Object_ptr)`
- `ImageSeq_ptr _narrow (CORBA::AbstractBase_ptr)`
- `ImageSeq_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)`
- `const char ** _OB_staticIds ()`

Static Protected Attributes

- `const char * ids_ []`

2.21.1 Member Typedef Documentation

2.21.1.1 `typedef ImageSeq_ptr HxCorba::ImageSeq::_ptr_type`

2.21.1.2 `typedef ImageSeq_var HxCorba::ImageSeq::_var_type`

2.21.2 Constructor & Destructor Documentation

2.21.2.1 `HxCorba::ImageSeq::ImageSeq ()` [`inline`]

Reimplemented in `OBProxy_HxCorba::ImageSeq (p. ??)`.

2.21.2.2 `virtual HxCorba::ImageSeq::~~ImageSeq ()` [`inline`, `virtual`]

Reimplemented in `OBProxy_HxCorba::ImageSeq (p. ??)`.

2.21.3 Member Function Documentation

2.21.3.1 `ImageSeq_ptr HxCorba::ImageSeq::_duplicate (ImageSeq_ptr p)` [`inline`, `static`]

2.21.3.2 `ImageSeq_ptr HxCorba::ImageSeq::_nil ()` [`inline`, `static`]

2.21.3.3 `HxCorba::ImageSeq_ptr HxCorba::ImageSeq::_narrow (CORBA::Object_ptr p)`
[`static`]

2.21.3.4 `HxCorba::ImageSeq_ptr HxCorba::ImageSeq::_unchecked_narrow (CORBA::Object_ptr p)` [`static`]

2.21.3.5 `HxCorba::ImageSeq_ptr HxCorba::ImageSeq::_narrow (CORBA::AbstractBase_ptr p)`
[`static`]

2.21.3.6 `HxCorba::ImageSeq_ptr HxCorba::ImageSeq::_unchecked_narrow (CORBA::AbstractBase_ptr p)` [`static`]

2.21.3.7 `const char ** HxCorba::ImageSeq::_OB_staticIds ()` [`static`]

2.21.3.8 `virtual ImageRep_ptr HxCorba::ImageSeq::getFrame (CORBA::Long _ob_a0)` [`pure virtual`]

Reimplemented in `OBProxy_HxCorba::ImageSeq (p. ??)`.

2.21.3.9 `virtual CORBA::Long HxCorba::ImageSeq::nrFrames ()` [`pure virtual`]

Reimplemented in `OBProxy_HxCorba::ImageSeq (p. ??)`.

2.21.3.10 virtual Sizes HxCorba::ImageSeq::frameSizes () [pure virtual]

Reimplemented in OBProxy_HxCorba::ImageSeq (p. ??).

2.21.3.11 virtual RgbSeq* HxCorba::ImageSeq::getRgb2d (CORBA::Long *ob_a0*, const char * *ob_a1*) [pure virtual]

Reimplemented in OBProxy_HxCorba::ImageSeq (p. ??).

2.21.3.12 virtual void HxCorba::ImageSeq::fillRgb2d (CORBA::Long *frameNr*, RgbBuffer_ptr *buf*, const char * *displayMode*) [pure virtual]

2.21.3.13 virtual ImageSeqDisplayer_ptr HxCorba::ImageSeq::getDisplayer () [pure virtual]

Reimplemented in OBProxy_HxCorba::ImageSeq (p. ??).

2.21.3.14 virtual VxSegmentation_ptr HxCorba::ImageSeq::findCuts (TagList_ptr *tags*) [pure virtual]

2.21.3.15 virtual void HxCorba::ImageSeq::destroy () [pure virtual]

Reimplemented in OBProxy_HxCorba::ImageSeq (p. ??).

2.21.4 Member Data Documentation

2.21.4.1 const char * HxCorba::ImageSeq::ids_ [static, protected]

Initial value:

```
{
  "IDL:HxCorba/ImageSeq:1.0",
  0
}
```

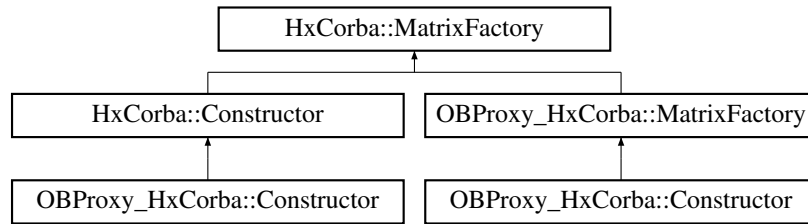
The documentation for this class was generated from the following files:

- HxCorbaImageSeq.h
- HxCorbaImageSeq.c

2.22 HxCorba::MatrixFactory Class Reference

```
#include <HxCorbaMatrix.h>
```

Inheritance diagram for HxCorba::MatrixFactory::



Public Types

- typedef MatrixFactory_ptr_ptr_type
- typedef MatrixFactory_var_var_type

Public Methods

- MatrixFactory ()
- virtual ~MatrixFactory ()
- virtual Matrix_ptr translate2d (CORBA::Double x, CORBA::Double y)=0
- virtual Matrix_ptr scale2d (CORBA::Double sx, CORBA::Double sy)=0
- virtual Matrix_ptr rotate2d (CORBA::Double alpha)=0
- virtual Matrix_ptr rotate2dDeg (CORBA::Double alpha)=0
- virtual Matrix_ptr reflect2d (CORBA::Boolean doX, CORBA::Boolean doY)=0
- virtual Matrix_ptr shear2d (CORBA::Double sx, CORBA::Double sy)=0
- virtual Matrix_ptr translate3d (CORBA::Double x, CORBA::Double y, CORBA::Double z)=0
- virtual Matrix_ptr scale3d (CORBA::Double sx, CORBA::Double sy, CORBA::Double sz)=0
- virtual Matrix_ptr rotateX3d (CORBA::Double alpha)=0
- virtual Matrix_ptr rotateX3dDeg (CORBA::Double alpha)=0
- virtual Matrix_ptr rotateY3d (CORBA::Double alpha)=0
- virtual Matrix_ptr rotateY3dDeg (CORBA::Double alpha)=0
- virtual Matrix_ptr rotateZ3d (CORBA::Double alpha)=0
- virtual Matrix_ptr rotateZ3dDeg (CORBA::Double alpha)=0
- virtual Matrix_ptr reflect3d (CORBA::Boolean doX, CORBA::Boolean doY, CORBA::Boolean doZ)=0
- virtual Matrix_ptr projection (CORBA::Double f)=0
- virtual Matrix_ptr camera (CORBA::Double f)=0
- virtual Matrix_ptr lift2dTo3dXY ()=0

Static Public Methods

- MatrixFactory_ptr _duplicate (MatrixFactory_ptr p)
- MatrixFactory_ptr _nil ()
- MatrixFactory_ptr _narrow (CORBA::Object_ptr)
- MatrixFactory_ptr _unchecked_narrow (CORBA::Object_ptr)
- MatrixFactory_ptr _narrow (CORBA::AbstractBase_ptr)
- MatrixFactory_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- `const char * ids_ []`

2.22.1 Member Typedef Documentation

2.22.1.1 `typedef MatrixFactory_ptr HxCorba::MatrixFactory::_ptr_type`

Reimplemented in `HxCorba::Constructor` (p. 42).

2.22.1.2 `typedef MatrixFactory_var HxCorba::MatrixFactory::_var_type`

Reimplemented in `HxCorba::Constructor` (p. 42).

2.22.2 Constructor & Destructor Documentation

2.22.2.1 `HxCorba::MatrixFactory::MatrixFactory () [inline]`

Reimplemented in `OBProxy_HxCorba::MatrixFactory` (p. ??).

2.22.2.2 `virtual HxCorba::MatrixFactory::~~MatrixFactory () [inline, virtual]`

Reimplemented in `OBProxy_HxCorba::MatrixFactory` (p. ??).

2.22.3 Member Function Documentation

2.22.3.1 `MatrixFactory_ptr HxCorba::MatrixFactory::_duplicate (MatrixFactory_ptr p) [inline, static]`

2.22.3.2 `MatrixFactory_ptr HxCorba::MatrixFactory::_nil () [inline, static]`

Reimplemented in `HxCorba::Constructor` (p. 42).

2.22.3.3 `HxCorba::MatrixFactory_ptr HxCorba::MatrixFactory::_narrow (CORBA::Object_ptr p) [static]`

Reimplemented in `HxCorba::Constructor` (p. 42).

2.22.3.4 `HxCorba::MatrixFactory_ptr HxCorba::MatrixFactory::_unchecked_narrow (CORBA::Object_ptr p) [static]`

Reimplemented in `HxCorba::Constructor` (p. 43).

2.22.3.5 `HxCorba::MatrixFactory_ptr HxCorba::MatrixFactory::_narrow (CORBA::AbstractBase_ptr p) [static]`

Reimplemented in `HxCorba::Constructor` (p. 43).

2.22.3.6 `HxCorba::MatrixFactory_ptr HxCorba::MatrixFactory::unchecked_narrow (CORBA::AbstractBase_ptr p)` [static]

Reimplemented in `HxCorba::Constructor` (p. 43).

2.22.3.7 `const char ** HxCorba::MatrixFactory::_OB_staticIds ()` [static]

Reimplemented in `HxCorba::Constructor` (p. 43).

2.22.3.8 `virtual Matrix_ptr HxCorba::MatrixFactory::translate2d (CORBA::Double _ob_a0, CORBA::Double _ob_a1)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::MatrixFactory` (p. ??).

2.22.3.9 `virtual Matrix_ptr HxCorba::MatrixFactory::scale2d (CORBA::Double _ob_a0, CORBA::Double _ob_a1)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::MatrixFactory` (p. ??).

2.22.3.10 `virtual Matrix_ptr HxCorba::MatrixFactory::rotate2d (CORBA::Double _ob_a0)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::MatrixFactory` (p. ??).

2.22.3.11 `virtual Matrix_ptr HxCorba::MatrixFactory::rotate2dDeg (CORBA::Double _ob_a0)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::MatrixFactory` (p. ??).

2.22.3.12 `virtual Matrix_ptr HxCorba::MatrixFactory::reflect2d (CORBA::Boolean _ob_a0, CORBA::Boolean _ob_a1)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::MatrixFactory` (p. ??).

2.22.3.13 `virtual Matrix_ptr HxCorba::MatrixFactory::shear2d (CORBA::Double _ob_a0, CORBA::Double _ob_a1)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::MatrixFactory` (p. ??).

2.22.3.14 `virtual Matrix_ptr HxCorba::MatrixFactory::translate3d (CORBA::Double _ob_a0, CORBA::Double _ob_a1, CORBA::Double _ob_a2)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::MatrixFactory` (p. ??).

2.22.3.15 virtual Matrix_ptr HxCorba::MatrixFactory::scale3d (CORBA::Double *_ob_a0*, CORBA::Double *_ob_a1*, CORBA::Double *_ob_a2*) [pure virtual]

Reimplemented in OBProxy_HxCorba::MatrixFactory (p. ??).

2.22.3.16 virtual Matrix_ptr HxCorba::MatrixFactory::rotateX3d (CORBA::Double *_ob_a0*) [pure virtual]

Reimplemented in OBProxy_HxCorba::MatrixFactory (p. ??).

2.22.3.17 virtual Matrix_ptr HxCorba::MatrixFactory::rotateX3dDeg (CORBA::Double *_ob_a0*) [pure virtual]

Reimplemented in OBProxy_HxCorba::MatrixFactory (p. ??).

2.22.3.18 virtual Matrix_ptr HxCorba::MatrixFactory::rotateY3d (CORBA::Double *_ob_a0*) [pure virtual]

Reimplemented in OBProxy_HxCorba::MatrixFactory (p. ??).

2.22.3.19 virtual Matrix_ptr HxCorba::MatrixFactory::rotateY3dDeg (CORBA::Double *_ob_a0*) [pure virtual]

Reimplemented in OBProxy_HxCorba::MatrixFactory (p. ??).

2.22.3.20 virtual Matrix_ptr HxCorba::MatrixFactory::rotateZ3d (CORBA::Double *_ob_a0*) [pure virtual]

Reimplemented in OBProxy_HxCorba::MatrixFactory (p. ??).

2.22.3.21 virtual Matrix_ptr HxCorba::MatrixFactory::rotateZ3dDeg (CORBA::Double *_ob_a0*) [pure virtual]

Reimplemented in OBProxy_HxCorba::MatrixFactory (p. ??).

2.22.3.22 virtual Matrix_ptr HxCorba::MatrixFactory::reflect3d (CORBA::Boolean *_ob_a0*, CORBA::Boolean *_ob_a1*, CORBA::Boolean *_ob_a2*) [pure virtual]

Reimplemented in OBProxy_HxCorba::MatrixFactory (p. ??).

2.22.3.23 virtual Matrix_ptr HxCorba::MatrixFactory::projection (CORBA::Double *_ob_a0*) [pure virtual]

Reimplemented in OBProxy_HxCorba::MatrixFactory (p. ??).

2.22.3.24 `virtual Matrix_ptr HxCorba::MatrixFactory::camera (CORBA::Double _ob_a0)`
 [pure virtual]

Reimplemented in `OBProxy_HxCorba::MatrixFactory` (p. ??).

2.22.3.25 `virtual Matrix_ptr HxCorba::MatrixFactory::lift2dTo3dXY ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::MatrixFactory` (p. ??).

2.22.4 Member Data Documentation

2.22.4.1 `const char * HxCorba::MatrixFactory::ids_` [static, protected]

Initial value:

```
{
  "IDL:HxCorba/MatrixFactory:1.0",
  0
}
```

Reimplemented in `HxCorba::Constructor` (p. 43).

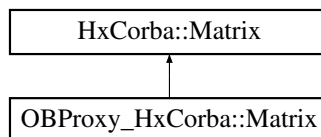
The documentation for this class was generated from the following files:

- `HxCorbaMatrix.h`
- `HxCorbaMatrix.c`

2.23 HxCorba::Matrix Class Reference

```
#include <HxCorbaMatrix.h>
```

Inheritance diagram for `HxCorba::Matrix`:



Public Types

- `typedef Matrix_ptr _ptr_type`
- `typedef Matrix_var _var_type`

Public Methods

- `Matrix ()`
- `virtual ~Matrix ()`

Static Public Methods

- `Matrix_ptr _duplicate (Matrix_ptr p)`
- `Matrix_ptr _nil ()`
- `Matrix_ptr _narrow (CORBA::Object_ptr)`
- `Matrix_ptr _unchecked_narrow (CORBA::Object_ptr)`
- `Matrix_ptr _narrow (CORBA::AbstractBase_ptr)`
- `Matrix_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)`
- `const char ** _OB_staticIds ()`

Static Protected Attributes

- `const char * ids_ []`

2.23.1 Member Typedef Documentation

2.23.1.1 `typedef Matrix_ptr HxCorba::Matrix::_ptr_type`

2.23.1.2 `typedef Matrix_var HxCorba::Matrix::_var_type`

2.23.2 Constructor & Destructor Documentation

2.23.2.1 `HxCorba::Matrix::Matrix () [inline]`

Reimplemented in `OBProxy_HxCorba::Matrix (p. ??)`.

2.23.2.2 `virtual HxCorba::Matrix::~~Matrix () [inline, virtual]`

Reimplemented in `OBProxy_HxCorba::Matrix (p. ??)`.

2.23.3 Member Function Documentation

- 2.23.3.1** `Matrix_ptr HxCorba::Matrix::duplicate (Matrix_ptr p)` [inline, static]
- 2.23.3.2** `Matrix_ptr HxCorba::Matrix::nil ()` [inline, static]
- 2.23.3.3** `HxCorba::Matrix_ptr HxCorba::Matrix::narrow (CORBA::Object_ptr p)` [static]
- 2.23.3.4** `HxCorba::Matrix_ptr HxCorba::Matrix::unchecked_narrow (CORBA::Object_ptr p)` [static]
- 2.23.3.5** `HxCorba::Matrix_ptr HxCorba::Matrix::narrow (CORBA::AbstractBase_ptr p)` [static]
- 2.23.3.6** `HxCorba::Matrix_ptr HxCorba::Matrix::unchecked_narrow (CORBA::AbstractBase_ptr p)` [static]
- 2.23.3.7** `const char ** HxCorba::Matrix::OB_staticIds ()` [static]

2.23.4 Member Data Documentation

- 2.23.4.1** `const char * HxCorba::Matrix::ids_` [static, protected]

Initial value:

```
{
    "IDL:HxCorba/Matrix:1.0",
    0
}
```

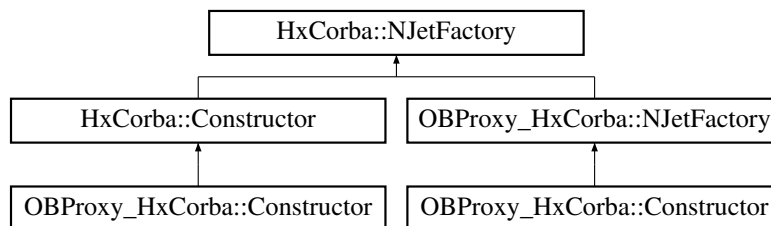
The documentation for this class was generated from the following files:

- HxCorbaMatrix.h
- HxCorbaMatrix.c

2.24 HxCorba::NJetFactory Class Reference

```
#include <HxCorbaNJet.h>
```

Inheritance diagram for HxCorba::NJetFactory::



Public Types

- typedef NJetFactory_ptr _ptr_type
- typedef NJetFactory_var _var_type

Public Methods

- NJetFactory ()
- virtual ~NJetFactory ()
- virtual NJet_ptr makeNJet (ImageRep_ptr im, CORBA::Long N, CORBA::Double scale, CORBA::Double precision)=0

Static Public Methods

- NJetFactory_ptr _duplicate (NJetFactory_ptr p)
- NJetFactory_ptr _nil ()
- NJetFactory_ptr _narrow (CORBA::Object_ptr)
- NJetFactory_ptr _unchecked_narrow (CORBA::Object_ptr)
- NJetFactory_ptr _narrow (CORBA::AbstractBase_ptr)
- NJetFactory_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.24.1 Member Typedef Documentation

2.24.1.1 typedef NJetFactory_ptr HxCorba::NJetFactory::_ptr_type

Reimplemented in HxCorba::Constructor (p. 42).

2.24.1.2 typedef NJetFactory_var HxCorba::NJetFactory::_var_type

Reimplemented in HxCorba::Constructor (p. 42).

2.24.2 Constructor & Destructor Documentation

2.24.2.1 HxCorba::NJetFactory::NJetFactory () [inline]

Reimplemented in OBProxy_HxCorba::NJetFactory (p. ??).

2.24.2.2 virtual HxCorba::NJetFactory::~~NJetFactory () [inline, virtual]

Reimplemented in OBProxy_HxCorba::NJetFactory (p. ??).

2.24.3 Member Function Documentation

2.24.3.1 `NJetFactory_ptr HxCorba::NJetFactory::duplicate (NJetFactory_ptr p)` [inline, static]

2.24.3.2 `NJetFactory_ptr HxCorba::NJetFactory::nil ()` [inline, static]

Reimplemented in `HxCorba::Constructor` (p. 42).

2.24.3.3 `HxCorba::NJetFactory_ptr HxCorba::NJetFactory::narrow (CORBA::Object_ptr p)` [static]

Reimplemented in `HxCorba::Constructor` (p. 42).

2.24.3.4 `HxCorba::NJetFactory_ptr HxCorba::NJetFactory::unchecked_narrow (CORBA::Object_ptr p)` [static]

Reimplemented in `HxCorba::Constructor` (p. 43).

2.24.3.5 `HxCorba::NJetFactory_ptr HxCorba::NJetFactory::narrow (CORBA::AbstractBase_ptr p)` [static]

Reimplemented in `HxCorba::Constructor` (p. 43).

2.24.3.6 `HxCorba::NJetFactory_ptr HxCorba::NJetFactory::unchecked_narrow (CORBA::AbstractBase_ptr p)` [static]

Reimplemented in `HxCorba::Constructor` (p. 43).

2.24.3.7 `const char ** HxCorba::NJetFactory::_OB_staticIds ()` [static]

Reimplemented in `HxCorba::Constructor` (p. 43).

2.24.3.8 `virtual NJet_ptr HxCorba::NJetFactory::makeNJet (ImageRep_ptr im, CORBA::Long N, CORBA::Double scale, CORBA::Double precision)` [pure virtual]

2.24.4 Member Data Documentation

2.24.4.1 `const char * HxCorba::NJetFactory::ids_` [static, protected]

Initial value:

```
{
    "IDL:HxCorba/NJetFactory:1.0",
    0
}
```

Reimplemented in `HxCorba::Constructor` (p. 43).

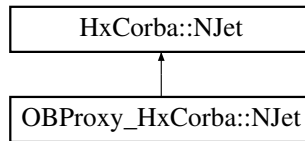
The documentation for this class was generated from the following files:

- HxCorbaNJet.h
- HxCorbaNJet.c

2.25 HxCorba::NJet Class Reference

```
#include <HxCorbaNJet.h>
```

Inheritance diagram for HxCorba::NJet::



Public Types

- typedef NJet_ptr _ptr_type
- typedef NJet_var _var_type

Public Methods

- NJet ()
- virtual ~NJet ()
- virtual CORBA::Long order ()=0
- virtual CORBA::Double scale ()=0
- virtual CORBA::Long nrComponents ()=0
- virtual CORBA::Boolean isColor ()=0
- virtual ImageRep_ptr getLidx (CORBA::Long i)=0
- virtual ImageRep_ptr getJidx (CORBA::Long i)=0
- virtual ImageRep_ptr getMidx (CORBA::Long i)=0
- virtual ImageRep_ptr xy (CORBA::Long x, CORBA::Long y)=0
- virtual ImageRep_ptr xyz (CORBA::Long x, CORBA::Long y, CORBA::Long z)=0
- virtual ImageRep_ptr xyl (CORBA::Long x, CORBA::Long y, CORBA::Long l)=0
- virtual ImageRep_ptr xyzl (CORBA::Long x, CORBA::Long y, CORBA::Long z, CORBA::Long l)=0
- virtual ImageList * getLList ()=0
- virtual ImageList * getJList ()=0
- virtual ImageList * getMList ()=0
- virtual ImageList * getList ()=0
- virtual ImageRep_ptr getLw ()=0
- virtual ImageRep_ptr getJw ()=0
- virtual ImageRep_ptr getMw ()=0

Static Public Methods

- `NJet_ptr _duplicate (NJet_ptr p)`
- `NJet_ptr _nil ()`
- `NJet_ptr _narrow (CORBA::Object_ptr)`
- `NJet_ptr _unchecked_narrow (CORBA::Object_ptr)`
- `NJet_ptr _narrow (CORBA::AbstractBase_ptr)`
- `NJet_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)`
- `const char ** _OB_staticIds ()`

Static Protected Attributes

- `const char * ids_ []`

2.25.1 Member Typedef Documentation

2.25.1.1 `typedef NJet_ptr HxCorba::NJet::ptr_type`

2.25.1.2 `typedef NJet_var HxCorba::NJet::var_type`

2.25.2 Constructor & Destructor Documentation

2.25.2.1 `HxCorba::NJet::NJet () [inline]`

Reimplemented in `OBProxy_HxCorba::NJet (p. ??)`.

2.25.2.2 `virtual HxCorba::NJet::~~NJet () [inline, virtual]`

Reimplemented in `OBProxy_HxCorba::NJet (p. ??)`.

2.25.3 Member Function Documentation

2.25.3.1 `NJet_ptr HxCorba::NJet::duplicate (NJet_ptr p)` [inline, static]

2.25.3.2 `NJet_ptr HxCorba::NJet::nil ()` [inline, static]

2.25.3.3 `HxCorba::NJet_ptr HxCorba::NJet::narrow (CORBA::Object_ptr p)` [static]

2.25.3.4 `HxCorba::NJet_ptr HxCorba::NJet::unchecked_narrow (CORBA::Object_ptr p)`
[static]

2.25.3.5 `HxCorba::NJet_ptr HxCorba::NJet::narrow (CORBA::AbstractBase_ptr p)`
[static]

2.25.3.6 `HxCorba::NJet_ptr HxCorba::NJet::unchecked_narrow (CORBA::AbstractBase_ptr p)`
[static]

2.25.3.7 `const char ** HxCorba::NJet::_OB_staticIds ()` [static]

2.25.3.8 `virtual CORBA::Long HxCorba::NJet::order ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::NJet` (p. ??).

2.25.3.9 `virtual CORBA::Double HxCorba::NJet::scale ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::NJet` (p. ??).

2.25.3.10 `virtual CORBA::Long HxCorba::NJet::nrComponents ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::NJet` (p. ??).

2.25.3.11 `virtual CORBA::Boolean HxCorba::NJet::isColor ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::NJet` (p. ??).

2.25.3.12 `virtual ImageRep_ptr HxCorba::NJet::getLidx (CORBA::Long ob_id)` [pure
virtual]

Reimplemented in `OBProxy_HxCorba::NJet` (p. ??).

2.25.3.13 `virtual ImageRep_ptr HxCorba::NJet::getJidx (CORBA::Long ob_id)` [pure
virtual]

Reimplemented in `OBProxy_HxCorba::NJet` (p. ??).

2.25.3.14 `virtual ImageRep_ptr HxCorba::NJet::getMidx (CORBA::Long ob_id)` [pure
virtual]

Reimplemented in `OBProxy_HxCorba::NJet` (p. ??).

2.25.3.15 virtual ImageRep_ptr HxCorba::NJet::xy (CORBA::Long *_ob_a0*, CORBA::Long *_ob_a1*) [pure virtual]

Reimplemented in OBProxy_HxCorba::NJet (p. ??).

2.25.3.16 virtual ImageRep_ptr HxCorba::NJet::xyz (CORBA::Long *_ob_a0*, CORBA::Long *_ob_a1*, CORBA::Long *_ob_a2*) [pure virtual]

Reimplemented in OBProxy_HxCorba::NJet (p. ??).

2.25.3.17 virtual ImageRep_ptr HxCorba::NJet::xyl (CORBA::Long *_ob_a0*, CORBA::Long *_ob_a1*, CORBA::Long *_ob_a2*) [pure virtual]

Reimplemented in OBProxy_HxCorba::NJet (p. ??).

2.25.3.18 virtual ImageRep_ptr HxCorba::NJet::xyzl (CORBA::Long *_ob_a0*, CORBA::Long *_ob_a1*, CORBA::Long *_ob_a2*, CORBA::Long *_ob_a3*) [pure virtual]

Reimplemented in OBProxy_HxCorba::NJet (p. ??).

2.25.3.19 virtual ImageList* HxCorba::NJet::getLList () [pure virtual]

Reimplemented in OBProxy_HxCorba::NJet (p. ??).

2.25.3.20 virtual ImageList* HxCorba::NJet::getJList () [pure virtual]

Reimplemented in OBProxy_HxCorba::NJet (p. ??).

2.25.3.21 virtual ImageList* HxCorba::NJet::getMList () [pure virtual]

Reimplemented in OBProxy_HxCorba::NJet (p. ??).

2.25.3.22 virtual ImageList* HxCorba::NJet::getList () [pure virtual]

Reimplemented in OBProxy_HxCorba::NJet (p. ??).

2.25.3.23 virtual ImageRep_ptr HxCorba::NJet::getLw () [pure virtual]

Reimplemented in OBProxy_HxCorba::NJet (p. ??).

2.25.3.24 virtual ImageRep_ptr HxCorba::NJet::getJw () [pure virtual]

Reimplemented in OBProxy_HxCorba::NJet (p. ??).

2.25.3.25 virtual ImageRep_ptr HxCorba::NJet::getMw() [pure virtual]

Reimplemented in OBProxy_HxCorba::NJet (p. ??).

2.25.4 Member Data Documentation

2.25.4.1 const char * HxCorba::NJet::ids_ [static, protected]

Initial value:

```
{
    "IDL:HxCorba/NJet:1.0",
    0
}
```

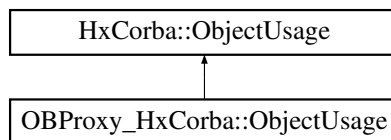
The documentation for this class was generated from the following files:

- HxCorbaNJet.h
- HxCorbaNJet.c

2.26 HxCorba::ObjectUsage Class Reference

```
#include <HxCorbaConfigure.h>
```

Inheritance diagram for HxCorba::ObjectUsage::



Public Types

- typedef ObjectUsage_ptr_ptr_type
- typedef ObjectUsage_var_var_type

Public Methods

- ObjectUsage ()
- virtual ~ObjectUsage ()
- virtual CORBA::Long getUsed (const char *unit)=0
- virtual CORBA::Long getTotalLimit (const char *unit)=0
- virtual void setTotalLimit (const char *unit, CORBA::Long limit)=0
- virtual CORBA::Long getObjectLimit (const char *unit)=0
- virtual void setObjectLimit (const char *unit, CORBA::Long limit)=0
- virtual StringSeq * listUnits ()=0
- virtual void close ()=0

Static Public Methods

- `ObjectUsage_ptr _duplicate (ObjectUsage_ptr p)`
- `ObjectUsage_ptr _nil ()`
- `ObjectUsage_ptr _narrow (CORBA::Object_ptr)`
- `ObjectUsage_ptr _unchecked_narrow (CORBA::Object_ptr)`
- `ObjectUsage_ptr _narrow (CORBA::AbstractBase_ptr)`
- `ObjectUsage_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)`
- `const char ** _OB_staticIds ()`

Static Protected Attributes

- `const char * ids_ []`

2.26.1 Member Typedef Documentation

2.26.1.1 `typedef ObjectUsage_ptr HxCorba::ObjectUsage::_ptr_type`

2.26.1.2 `typedef ObjectUsage_var HxCorba::ObjectUsage::_var_type`

2.26.2 Constructor & Destructor Documentation

2.26.2.1 `HxCorba::ObjectUsage::ObjectUsage () [inline]`

Reimplemented in `OBProxy_HxCorba::ObjectUsage (p. ??)`.

2.26.2.2 `virtual HxCorba::ObjectUsage::~~ObjectUsage () [inline, virtual]`

Reimplemented in `OBProxy_HxCorba::ObjectUsage (p. ??)`.

2.26.3 Member Function Documentation

2.26.3.1 `ObjectUsage_ptr HxCorba::ObjectUsage::duplicate (ObjectUsage_ptr p)` [inline, static]

2.26.3.2 `ObjectUsage_ptr HxCorba::ObjectUsage::nil ()` [inline, static]

2.26.3.3 `HxCorba::ObjectUsage_ptr HxCorba::ObjectUsage::narrow (CORBA::Object_ptr p)` [static]

2.26.3.4 `HxCorba::ObjectUsage_ptr HxCorba::ObjectUsage::unchecked_narrow (CORBA::Object_ptr p)` [static]

2.26.3.5 `HxCorba::ObjectUsage_ptr HxCorba::ObjectUsage::narrow (CORBA::AbstractBase_ptr p)` [static]

2.26.3.6 `HxCorba::ObjectUsage_ptr HxCorba::ObjectUsage::unchecked_narrow (CORBA::AbstractBase_ptr p)` [static]

2.26.3.7 `const char ** HxCorba::ObjectUsage::OB_staticIds ()` [static]

2.26.3.8 `virtual CORBA::Long HxCorba::ObjectUsage::getUsed (const char * _ob_a0)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::ObjectUsage` (p. ??).

2.26.3.9 `virtual CORBA::Long HxCorba::ObjectUsage::getTotalLimit (const char * _ob_a0)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::ObjectUsage` (p. ??).

2.26.3.10 `virtual void HxCorba::ObjectUsage::setTotalLimit (const char * _ob_a0, CORBA::Long _ob_a1)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::ObjectUsage` (p. ??).

2.26.3.11 `virtual CORBA::Long HxCorba::ObjectUsage::getObjectLimit (const char * _ob_a0)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::ObjectUsage` (p. ??).

2.26.3.12 `virtual void HxCorba::ObjectUsage::setObjectLimit (const char * _ob_a0, CORBA::Long _ob_a1)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::ObjectUsage` (p. ??).

2.26.3.13 `virtual StringSeq* HxCorba::ObjectUsage::listUnits ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::ObjectUsage` (p. ??).

2.26.3.14 virtual void HxCorba::ObjectUsage::close() [pure virtual]

Reimplemented in OBProxy_HxCorba::ObjectUsage (p. ??).

2.26.4 Member Data Documentation

2.26.4.1 const char * HxCorba::ObjectUsage::ids_ [static, protected]

Initial value:

```
{
    "IDL:HxCorba/ObjectUsage:1.0",
    0
}
```

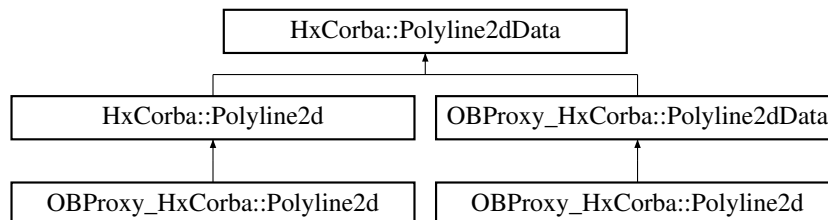
The documentation for this class was generated from the following files:

- HxCorbaConfigure.h
- HxCorbaConfigure.c

2.27 HxCorba::Polyline2dData Class Reference

```
#include <HxCorbaPolyline2d.h>
```

Inheritance diagram for HxCorba::Polyline2dData::



Public Types

- typedef Polyline2dData_ptr_ptr_type
- typedef Polyline2dData_var_var_type

Public Methods

- Polyline2dData ()
- virtual ~Polyline2dData ()
- virtual CORBA::Boolean getClosed ()=0
- virtual CORBA::Long getNrPoints ()=0
- virtual PointR2 getPoint (CORBA::Long i)=0
- virtual PointR2Seq * getPoints ()=0

Static Public Methods

- `Polyline2dData_ptr _duplicate (Polyline2dData_ptr p)`
- `Polyline2dData_ptr _nil ()`
- `Polyline2dData_ptr _narrow (CORBA::Object_ptr)`
- `Polyline2dData_ptr _unchecked_narrow (CORBA::Object_ptr)`
- `Polyline2dData_ptr _narrow (CORBA::AbstractBase_ptr)`
- `Polyline2dData_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)`
- `const char ** _OB_staticIds ()`

Static Protected Attributes

- `const char * ids_ []`

2.27.1 Member Typedef Documentation

2.27.1.1 `typedef Polyline2dData_ptr HxCorba::Polyline2dData::ptr_type`

Reimplemented in `HxCorba::Polyline2d` (p. 134).

2.27.1.2 `typedef Polyline2dData_var HxCorba::Polyline2dData::var_type`

Reimplemented in `HxCorba::Polyline2d` (p. 134).

2.27.2 Constructor & Destructor Documentation

2.27.2.1 `HxCorba::Polyline2dData::Polyline2dData () [inline]`

Reimplemented in `OBProxy_HxCorba::Polyline2dData` (p. ??).

2.27.2.2 `virtual HxCorba::Polyline2dData::~~Polyline2dData () [inline, virtual]`

Reimplemented in `OBProxy_HxCorba::Polyline2dData` (p. ??).

2.27.3 Member Function Documentation

2.27.3.1 `Polyline2dData_ptr HxCorba::Polyline2dData::_duplicate (Polyline2dData_ptr p) [inline, static]`

2.27.3.2 `Polyline2dData_ptr HxCorba::Polyline2dData::_nil () [inline, static]`

Reimplemented in `HxCorba::Polyline2d` (p. 134).

2.27.3.3 `HxCorba::Polyline2dData_ptr HxCorba::Polyline2dData::_narrow (CORBA::Object_ptr p) [static]`

Reimplemented in `HxCorba::Polyline2d` (p. 134).

2.27.3.4 HxCorba::Polyline2dData_ptr HxCorba::Polyline2dData::unchecked_narrow (CORBA::Object_ptr p) [static]

Reimplemented in HxCorba::Polyline2d (p. 134).

2.27.3.5 HxCorba::Polyline2dData_ptr HxCorba::Polyline2dData::narrow (CORBA::AbstractBase_ptr p) [static]

Reimplemented in HxCorba::Polyline2d (p. 134).

2.27.3.6 HxCorba::Polyline2dData_ptr HxCorba::Polyline2dData::unchecked_narrow (CORBA::AbstractBase_ptr p) [static]

Reimplemented in HxCorba::Polyline2d (p. 135).

2.27.3.7 const char ** HxCorba::Polyline2dData::OB_staticIds () [static]

Reimplemented in HxCorba::Polyline2d (p. 135).

2.27.3.8 virtual CORBA::Boolean HxCorba::Polyline2dData::getClosed () [pure virtual]

Reimplemented in OBProxy_HxCorba::Polyline2dData (p. ??).

2.27.3.9 virtual CORBA::Long HxCorba::Polyline2dData::getNrPoints () [pure virtual]

Reimplemented in OBProxy_HxCorba::Polyline2dData (p. ??).

2.27.3.10 virtual PointR2 HxCorba::Polyline2dData::getPoint (CORBA::Long ob_id) [pure virtual]

Reimplemented in OBProxy_HxCorba::Polyline2dData (p. ??).

2.27.3.11 virtual PointR2Seq* HxCorba::Polyline2dData::getPoints () [pure virtual]

Reimplemented in OBProxy_HxCorba::Polyline2dData (p. ??).

2.27.4 Member Data Documentation

2.27.4.1 const char * HxCorba::Polyline2dData::ids_ [static, protected]

Initial value:

```
{
    "IDL:HxCorba/Polyline2dData:1.0",
    0
}
```


Reimplemented in `HxCorba::Polyline2d` (p. 135).

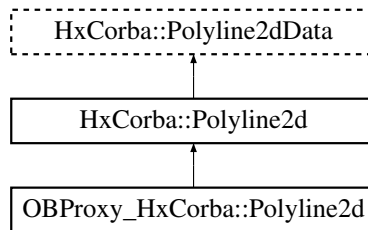
The documentation for this class was generated from the following files:

- `HxCorbaPolyline2d.h`
- `HxCorbaPolyline2d.c`

2.28 HxCorba::Polyline2d Class Reference

```
#include <HxCorbaPolyline2d.h>
```

Inheritance diagram for `HxCorba::Polyline2d::`



Public Types

- `typedef Polyline2d_ptr _ptr_type`
- `typedef Polyline2d_var _var_type`

Public Methods

- `Polyline2d ()`
- `virtual ~Polyline2d ()`

Static Public Methods

- `Polyline2d_ptr _duplicate (Polyline2d_ptr p)`
- `Polyline2d_ptr _nil ()`
- `Polyline2d_ptr _narrow (CORBA::Object_ptr)`
- `Polyline2d_ptr _unchecked_narrow (CORBA::Object_ptr)`
- `Polyline2d_ptr _narrow (CORBA::AbstractBase_ptr)`
- `Polyline2d_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)`
- `const char ** _OB_staticIds ()`

Static Protected Attributes

- `const char * ids_ []`

2.28.1 Member Typedef Documentation

2.28.1.1 typedef Polyline2d_ptr HxCorba::Polyline2d::_ptr_type

Reimplemented from HxCorba::Polyline2dData (p. 131).

2.28.1.2 typedef Polyline2d_var HxCorba::Polyline2d::_var_type

Reimplemented from HxCorba::Polyline2dData (p. 131).

2.28.2 Constructor & Destructor Documentation

2.28.2.1 HxCorba::Polyline2d::Polyline2d () [inline]

Reimplemented in OBProxy_HxCorba::Polyline2d (p. ??).

2.28.2.2 virtual HxCorba::Polyline2d::~~Polyline2d () [inline, virtual]

Reimplemented in OBProxy_HxCorba::Polyline2d (p. ??).

2.28.3 Member Function Documentation

2.28.3.1 Polyline2d_ptr HxCorba::Polyline2d::duplicate (Polyline2d_ptr p) [inline, static]

2.28.3.2 Polyline2d_ptr HxCorba::Polyline2d::nil () [inline, static]

Reimplemented from HxCorba::Polyline2dData (p. 131).

2.28.3.3 HxCorba::Polyline2d_ptr HxCorba::Polyline2d::narrow (CORBA::Object_ptr p) [static]

Reimplemented from HxCorba::Polyline2dData (p. 131).

2.28.3.4 HxCorba::Polyline2d_ptr HxCorba::Polyline2d::unchecked_narrow (CORBA::Object_ptr p) [static]

Reimplemented from HxCorba::Polyline2dData (p. 132).

2.28.3.5 HxCorba::Polyline2d_ptr HxCorba::Polyline2d::narrow (CORBA::AbstractBase_ptr p) [static]

Reimplemented from HxCorba::Polyline2dData (p. 132).

2.28.3.6 HxCorba::Polyline2d_ptr HxCorba::Polyline2d::_unchecked_narrow
(CORBA::AbstractBase_ptr *p*) [static]

Reimplemented from HxCorba::Polyline2dData (p. 132).

2.28.3.7 const char ** HxCorba::Polyline2d::_OB_staticIds () [static]

Reimplemented from HxCorba::Polyline2dData (p. 132).

2.28.4 Member Data Documentation

2.28.4.1 const char * HxCorba::Polyline2d::ids_ [static, protected]

Initial value:

```
{
  "IDL:HxCorba/Polyline2d:1.0",
  "IDL:HxCorba/Polyline2dData:1.0",
  0
}
```

Reimplemented from HxCorba::Polyline2dData (p. 132).

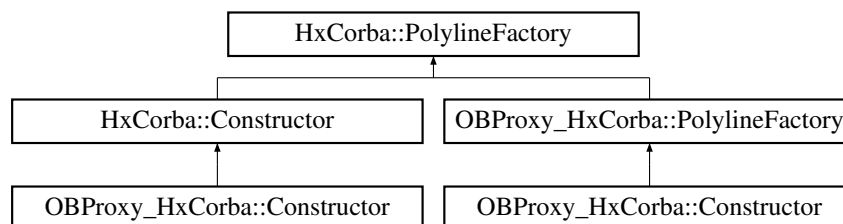
The documentation for this class was generated from the following files:

- HxCorbaPolyline2d.h
- HxCorbaPolyline2d.c

2.29 HxCorba::PolylineFactory Class Reference

```
#include <HxCorbaPolyline2d.h>
```

Inheritance diagram for HxCorba::PolylineFactory::



Public Types

- typedef PolylineFactory_ptr _ptr_type
- typedef PolylineFactory_var _var_type

Public Methods

- PolylineFactory ()
- virtual ~PolylineFactory ()
- virtual Polyline2d_ptr importPolyline (Polyline2dData_ptr data)=0
- virtual Polyline2d_ptr createPolyline (const PointR2Seq &points, CORBA::Boolean closed)=0

Static Public Methods

- PolylineFactory_ptr _duplicate (PolylineFactory_ptr p)
- PolylineFactory_ptr _nil ()
- PolylineFactory_ptr _narrow (CORBA::Object_ptr)
- PolylineFactory_ptr _unchecked_narrow (CORBA::Object_ptr)
- PolylineFactory_ptr _narrow (CORBA::AbstractBase_ptr)
- PolylineFactory_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.29.1 Member Typedef Documentation

2.29.1.1 typedef PolylineFactory_ptr HxCorba::PolylineFactory::ptr_type

Reimplemented in HxCorba::Constructor (p. 42).

2.29.1.2 typedef PolylineFactory_var HxCorba::PolylineFactory::var_type

Reimplemented in HxCorba::Constructor (p. 42).

2.29.2 Constructor & Destructor Documentation

2.29.2.1 HxCorba::PolylineFactory::PolylineFactory () [inline]

Reimplemented in OBProxy_HxCorba::PolylineFactory (p. ??).

2.29.2.2 virtual HxCorba::PolylineFactory::~~PolylineFactory () [inline, virtual]

Reimplemented in OBProxy_HxCorba::PolylineFactory (p. ??).

2.29.3 Member Function Documentation

2.29.3.1 PolylineFactory_ptr HxCorba::PolylineFactory::duplicate (PolylineFactory_ptr *p*)
[inline, static]

2.29.3.2 PolylineFactory_ptr HxCorba::PolylineFactory::nil () [inline, static]

Reimplemented in HxCorba::Constructor (p. 42).

2.29.3.3 HxCorba::PolylineFactory_ptr HxCorba::PolylineFactory::narrow
(CORBA::Object_ptr *p*) [static]

Reimplemented in HxCorba::Constructor (p. 42).

2.29.3.4 HxCorba::PolylineFactory_ptr HxCorba::PolylineFactory::unchecked_narrow
(CORBA::Object_ptr *p*) [static]

Reimplemented in HxCorba::Constructor (p. 43).

2.29.3.5 HxCorba::PolylineFactory_ptr HxCorba::PolylineFactory::narrow
(CORBA::AbstractBase_ptr *p*) [static]

Reimplemented in HxCorba::Constructor (p. 43).

2.29.3.6 HxCorba::PolylineFactory_ptr HxCorba::PolylineFactory::unchecked_narrow
(CORBA::AbstractBase_ptr *p*) [static]

Reimplemented in HxCorba::Constructor (p. 43).

2.29.3.7 const char ** HxCorba::PolylineFactory::OB_staticIds () [static]

Reimplemented in HxCorba::Constructor (p. 43).

2.29.3.8 virtual Polyline2d_ptr HxCorba::PolylineFactory::importPolyline (Polyline2dData_ptr
data) [pure virtual]

2.29.3.9 virtual Polyline2d_ptr HxCorba::PolylineFactory::createPolyline (const PointR2Seq &
points, CORBA::Boolean *closed*) [pure virtual]

2.29.4 Member Data Documentation

2.29.4.1 const char * HxCorba::PolylineFactory::ids_ [static, protected]

Initial value:

```
{
    "IDL:HxCorba/PolylineFactory:1.0",
    0
}
```

Reimplemented in `HxCorba::Constructor` (p. 43).

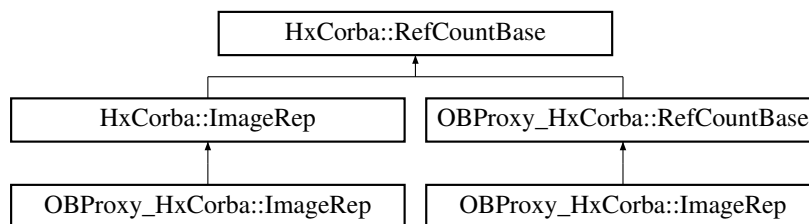
The documentation for this class was generated from the following files:

- `HxCorbaPolyline2d.h`
- `HxCorbaPolyline2d.c`

2.30 HxCorba::RefCountBase Class Reference

```
#include <HxCorbaRefCountBase.h>
```

Inheritance diagram for `HxCorba::RefCountBase`:



Public Types

- `typedef RefCountBase_ptr _ptr_type`
- `typedef RefCountBase_var _var_type`

Public Methods

- `RefCountBase ()`
- `virtual ~RefCountBase ()`
- `virtual void addRef ()=0`
- `virtual void removeRef ()=0`

Static Public Methods

- `RefCountBase_ptr _duplicate (RefCountBase_ptr p)`
- `RefCountBase_ptr _nil ()`
- `RefCountBase_ptr _narrow (CORBA::Object_ptr)`
- `RefCountBase_ptr _unchecked_narrow (CORBA::Object_ptr)`
- `RefCountBase_ptr _narrow (CORBA::AbstractBase_ptr)`
- `RefCountBase_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)`
- `const char ** _OB_staticIds ()`

Static Protected Attributes

- `const char * ids_ []`

2.30.1 Member Typedef Documentation

2.30.1.1 typedef RefCountBase_ptr HxCorba::RefCountBase::ptr_type

Reimplemented in HxCorba::ImageRep (p. 102).

2.30.1.2 typedef RefCountBase_var HxCorba::RefCountBase::var_type

Reimplemented in HxCorba::ImageRep (p. 102).

2.30.2 Constructor & Destructor Documentation

2.30.2.1 HxCorba::RefCountBase::RefCountBase() [inline]

Reimplemented in OBProxy_HxCorba::RefCountBase (p. ??).

2.30.2.2 virtual HxCorba::RefCountBase::~~RefCountBase() [inline, virtual]

Reimplemented in OBProxy_HxCorba::RefCountBase (p. ??).

2.30.3 Member Function Documentation

2.30.3.1 RefCountBase_ptr HxCorba::RefCountBase::_duplicate (RefCountBase_ptr p) [inline, static]

2.30.3.2 RefCountBase_ptr HxCorba::RefCountBase::_nil () [inline, static]

Reimplemented in HxCorba::ImageRep (p. 103).

2.30.3.3 HxCorba::RefCountBase_ptr HxCorba::RefCountBase::_narrow (CORBA::Object_ptr p) [static]

Reimplemented in HxCorba::ImageRep (p. 103).

2.30.3.4 HxCorba::RefCountBase_ptr HxCorba::RefCountBase::_unchecked_narrow (CORBA::Object_ptr p) [static]

Reimplemented in HxCorba::ImageRep (p. 103).

2.30.3.5 HxCorba::RefCountBase_ptr HxCorba::RefCountBase::_narrow (CORBA::AbstractBase_ptr p) [static]

Reimplemented in HxCorba::ImageRep (p. 103).

2.30.3.6 `HxCorba::RefCountBase_ptr HxCorba::RefCountBase::unchecked_narrow (CORBA::AbstractBase_ptr p)` [static]

Reimplemented in `HxCorba::ImageRep` (p. 103).

2.30.3.7 `const char ** HxCorba::RefCountBase::_OB_staticIds ()` [static]

Reimplemented in `HxCorba::ImageRep` (p. 103).

2.30.3.8 `virtual void HxCorba::RefCountBase::addRef ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::RefCountBase` (p. ??).

2.30.3.9 `virtual void HxCorba::RefCountBase::removeRef ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::RefCountBase` (p. ??).

2.30.4 Member Data Documentation

2.30.4.1 `const char * HxCorba::RefCountBase::ids_` [static, protected]

Initial value:

```
{
  "IDL:HxCorba/RefCountBase:1.0",
  0
}
```

Reimplemented in `HxCorba::ImageRep` (p. 105).

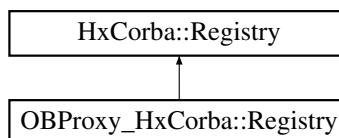
The documentation for this class was generated from the following files:

- `HxCorbaRefCountBase.h`
- `HxCorbaRefCountBase.c`

2.31 HxCorba::Registry Class Reference

```
#include <HxCorbaRegistry.h>
```

Inheritance diagram for `HxCorba::Registry`:



Public Types

- typedef Registry_ptr_ptr_type
- typedef Registry_var_var_type

Public Methods

- Registry ()
- virtual ~Registry ()
- virtual NameList * getKeyNames (const char *cursorKey)=0
- virtual NameList * getValueNames (const char *cursorKey)=0
- virtual NameList * getValueData (const char *cursorKey)=0

Static Public Methods

- Registry_ptr_duplicate (Registry_ptr p)
- Registry_ptr_nil ()
- Registry_ptr_narrow (CORBA::Object_ptr)
- Registry_ptr_unchecked_narrow (CORBA::Object_ptr)
- Registry_ptr_narrow (CORBA::AbstractBase_ptr)
- Registry_ptr_unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.31.1 Member Typedef Documentation

2.31.1.1 typedef Registry_ptr HxCorba::Registry::_ptr_type

2.31.1.2 typedef Registry_var HxCorba::Registry::_var_type

2.31.2 Constructor & Destructor Documentation

2.31.2.1 HxCorba::Registry::Registry () [inline]

Reimplemented in OBProxy_HxCorba::Registry (p. ??).

2.31.2.2 virtual HxCorba::Registry::~~Registry () [inline, virtual]

Reimplemented in OBProxy_HxCorba::Registry (p. ??).

2.31.3 Member Function Documentation

2.31.3.1 Registry_ptr HxCorba::Registry::duplicate (Registry_ptr *p*) [inline, static]

2.31.3.2 Registry_ptr HxCorba::Registry::nil () [inline, static]

2.31.3.3 HxCorba::Registry_ptr HxCorba::Registry::narrow (CORBA::Object_ptr *p*)
[static]

2.31.3.4 HxCorba::Registry_ptr HxCorba::Registry::unchecked_narrow (CORBA::Object_ptr *p*)
[static]

2.31.3.5 HxCorba::Registry_ptr HxCorba::Registry::narrow (CORBA::AbstractBase_ptr *p*)
[static]

2.31.3.6 HxCorba::Registry_ptr HxCorba::Registry::unchecked_narrow
(CORBA::AbstractBase_ptr *p*) [static]

2.31.3.7 const char ** HxCorba::Registry::OB_staticIds () [static]

2.31.3.8 virtual NameList* HxCorba::Registry::getKeyNames (const char * *ob_id*) [pure
virtual]

Reimplemented in OBProxy_HxCorba::Registry (p. ??).

2.31.3.9 virtual NameList* HxCorba::Registry::getValueNames (const char * *ob_id*) [pure
virtual]

Reimplemented in OBProxy_HxCorba::Registry (p. ??).

2.31.3.10 virtual NameList* HxCorba::Registry::getValueData (const char * *ob_id*) [pure
virtual]

Reimplemented in OBProxy_HxCorba::Registry (p. ??).

2.31.4 Member Data Documentation

2.31.4.1 const char * HxCorba::Registry::ids_ [static, protected]

Initial value:

```
{
    "IDL:HxCorba/Registry:1.0",
    0
}
```

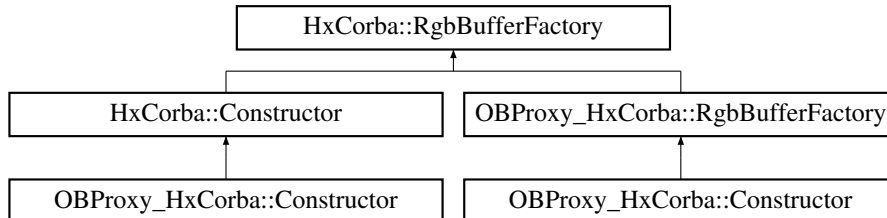
The documentation for this class was generated from the following files:

- HxCorbaRegistry.h
- HxCorbaRegistry.c

2.32 HxCorba::RgbBufferFactory Class Reference

```
#include <HxCorbaRgbBuffer.h>
```

Inheritance diagram for HxCorba::RgbBufferFactory::



Public Types

- typedef RgbBufferFactory_ptr_ptr_type
- typedef RgbBufferFactory_var_var_type

Public Methods

- RgbBufferFactory ()
- virtual ~RgbBufferFactory ()
- virtual RgbBuffer_ptr createRgbBuffer (CORBA::Long size)=0

Static Public Methods

- RgbBufferFactory_ptr _duplicate (RgbBufferFactory_ptr p)
- RgbBufferFactory_ptr _nil ()
- RgbBufferFactory_ptr _narrow (CORBA::Object_ptr)
- RgbBufferFactory_ptr _unchecked_narrow (CORBA::Object_ptr)
- RgbBufferFactory_ptr _narrow (CORBA::AbstractBase_ptr)
- RgbBufferFactory_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.32.1 Member Typedef Documentation

2.32.1.1 typedef RgbBufferFactory_ptr HxCorba::RgbBufferFactory::ptr_type

Reimplemented in HxCorba::Constructor (p. 42).

2.32.1.2 typedef RgbBufferFactory_var HxCorba::RgbBufferFactory::var_type

Reimplemented in HxCorba::Constructor (p. 42).

2.32.2 Constructor & Destructor Documentation

2.32.2.1 HxCorba::RgbBufferFactory::RgbBufferFactory () [inline]

Reimplemented in OBProxy_HxCorba::RgbBufferFactory (p. ??).

2.32.2.2 virtual HxCorba::RgbBufferFactory::~~RgbBufferFactory () [inline, virtual]

Reimplemented in OBProxy_HxCorba::RgbBufferFactory (p. ??).

2.32.3 Member Function Documentation

2.32.3.1 RgbBufferFactory_ptr HxCorba::RgbBufferFactory::duplicate (RgbBufferFactory_ptr *p*) [inline, static]

2.32.3.2 RgbBufferFactory_ptr HxCorba::RgbBufferFactory::nil () [inline, static]

Reimplemented in HxCorba::Constructor (p. 42).

2.32.3.3 HxCorba::RgbBufferFactory_ptr HxCorba::RgbBufferFactory::narrow (CORBA::Object_ptr *p*) [static]

Reimplemented in HxCorba::Constructor (p. 42).

2.32.3.4 HxCorba::RgbBufferFactory_ptr HxCorba::RgbBufferFactory::unchecked_narrow (CORBA::Object_ptr *p*) [static]

Reimplemented in HxCorba::Constructor (p. 43).

2.32.3.5 HxCorba::RgbBufferFactory_ptr HxCorba::RgbBufferFactory::narrow (CORBA::AbstractBase_ptr *p*) [static]

Reimplemented in HxCorba::Constructor (p. 43).

2.32.3.6 HxCorba::RgbBufferFactory_ptr HxCorba::RgbBufferFactory::unchecked_narrow (CORBA::AbstractBase_ptr *p*) [static]

Reimplemented in HxCorba::Constructor (p. 43).

2.32.3.7 const char ** HxCorba::RgbBufferFactory::_OB_staticIds () [static]

Reimplemented in HxCorba::Constructor (p. 43).

2.32.3.8 virtual RgbBuffer_ptr HxCorba::RgbBufferFactory::createRgbBuffer (CORBA::Long *_ob_a0*) [pure virtual]

Reimplemented in OBProxy_HxCorba::RgbBufferFactory (p. ??).

2.32.4 Member Data Documentation

2.32.4.1 `const char * HxCorba::RgbBufferFactory::ids_` [static, protected]

Initial value:

```
{
    "IDL:HxCorba/RgbBufferFactory:1.0",
    0
}
```

Reimplemented in `HxCorba::Constructor` (p. 43).

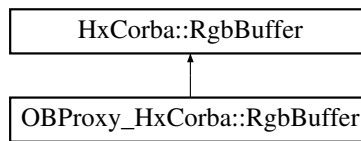
The documentation for this class was generated from the following files:

- `HxCorbaRgbBuffer.h`
- `HxCorbaRgbBuffer.c`

2.33 HxCorba::RgbBuffer Class Reference

```
#include <HxCorbaRgbBuffer.h>
```

Inheritance diagram for `HxCorba::RgbBuffer`:



Public Types

- `typedef RgbBuffer_ptr _ptr_type`
- `typedef RgbBuffer_var _var_type`

Public Methods

- `RgbBuffer ()`
- `virtual ~RgbBuffer ()`
- `virtual CORBA::Long size ()=0`
- `virtual RgbSeq * getRgb ()=0`
- `virtual void setRgb (const RgbSeq &pixels)=0`

Static Public Methods

- `RgbBuffer_ptr _duplicate (RgbBuffer_ptr p)`
- `RgbBuffer_ptr _nil ()`
- `RgbBuffer_ptr _narrow (CORBA::Object_ptr)`
- `RgbBuffer_ptr _unchecked_narrow (CORBA::Object_ptr)`

- `RgbBuffer_ptr _narrow (CORBA::AbstractBase_ptr)`
- `RgbBuffer_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)`
- `const char ** _OB_staticIds ()`

Static Protected Attributes

- `const char * ids_ []`

2.33.1 Member Typedef Documentation

2.33.1.1 `typedef RgbBuffer_ptr HxCorba::RgbBuffer::_ptr_type`

2.33.1.2 `typedef RgbBuffer_var HxCorba::RgbBuffer::_var_type`

2.33.2 Constructor & Destructor Documentation

2.33.2.1 `HxCorba::RgbBuffer::RgbBuffer () [inline]`

Reimplemented in `OBProxy_HxCorba::RgbBuffer (p. ??)`.

2.33.2.2 `virtual HxCorba::RgbBuffer::~~RgbBuffer () [inline, virtual]`

Reimplemented in `OBProxy_HxCorba::RgbBuffer (p. ??)`.

2.33.3 Member Function Documentation

2.33.3.1 `RgbBuffer_ptr HxCorba::RgbBuffer::_duplicate (RgbBuffer_ptr p) [inline, static]`

2.33.3.2 `RgbBuffer_ptr HxCorba::RgbBuffer::_nil () [inline, static]`

2.33.3.3 `HxCorba::RgbBuffer_ptr HxCorba::RgbBuffer::_narrow (CORBA::Object_ptr p) [static]`

2.33.3.4 `HxCorba::RgbBuffer_ptr HxCorba::RgbBuffer::_unchecked_narrow (CORBA::Object_ptr p) [static]`

2.33.3.5 `HxCorba::RgbBuffer_ptr HxCorba::RgbBuffer::_narrow (CORBA::AbstractBase_ptr p) [static]`

2.33.3.6 `HxCorba::RgbBuffer_ptr HxCorba::RgbBuffer::_unchecked_narrow (CORBA::AbstractBase_ptr p) [static]`

2.33.3.7 `const char ** HxCorba::RgbBuffer::_OB_staticIds () [static]`

2.33.3.8 `virtual CORBA::Long HxCorba::RgbBuffer::size () [pure virtual]`

Reimplemented in `OBProxy_HxCorba::RgbBuffer (p. ??)`.

2.33.3.9 `virtual RgbSeq* HxCorba::RgbBuffer::getRgb ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::RgbBuffer` (p. ??).

2.33.3.10 `virtual void HxCorba::RgbBuffer::setRgb (const RgbSeq & pixels)` [pure virtual]

2.33.4 Member Data Documentation

2.33.4.1 `const char * HxCorba::RgbBuffer::ids_` [static, protected]

Initial value:

```
{
    "IDL:HxCorba/RgbBuffer:1.0",
    0
}
```

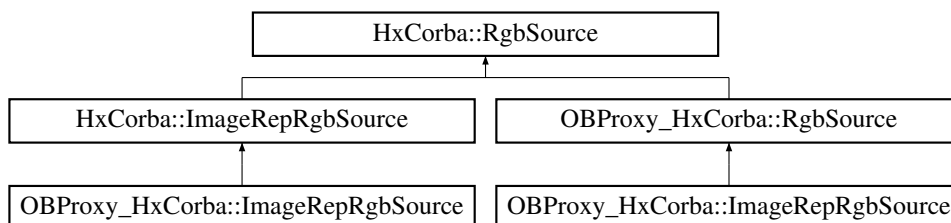
The documentation for this class was generated from the following files:

- `HxCorbaRgbBuffer.h`
- `HxCorbaRgbBuffer.c`

2.34 HxCorba::RgbSource Class Reference

```
#include <HxCorbaRgbBuffer.h>
```

Inheritance diagram for `HxCorba::RgbSource`:



Public Types

- `typedef RgbSource_ptr_ptr_type`
- `typedef RgbSource_var_var_type`

Public Methods

- `RgbSource ()`
- `virtual ~RgbSource ()`
- `virtual RgbSeq * getRgb ()=0`
- `virtual void fillRgb (RgbBuffer_ptr buffer)=0`

Static Public Methods

- `RgbSource_ptr _duplicate (RgbSource_ptr p)`
- `RgbSource_ptr _nil ()`
- `RgbSource_ptr _narrow (CORBA::Object_ptr)`
- `RgbSource_ptr _unchecked_narrow (CORBA::Object_ptr)`
- `RgbSource_ptr _narrow (CORBA::AbstractBase_ptr)`
- `RgbSource_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)`
- `const char ** _OB_staticIds ()`

Static Protected Attributes

- `const char * ids_ []`

2.34.1 Member Typedef Documentation

2.34.1.1 `typedef RgbSource_ptr HxCorba::RgbSource::_ptr_type`

Reimplemented in `HxCorba::ImageRepRgbSource` (p. 98).

2.34.1.2 `typedef RgbSource_var HxCorba::RgbSource::_var_type`

Reimplemented in `HxCorba::ImageRepRgbSource` (p. 98).

2.34.2 Constructor & Destructor Documentation

2.34.2.1 `HxCorba::RgbSource::RgbSource () [inline]`

Reimplemented in `OBProxy_HxCorba::RgbSource` (p. ??).

2.34.2.2 `virtual HxCorba::RgbSource::~~RgbSource () [inline, virtual]`

Reimplemented in `OBProxy_HxCorba::RgbSource` (p. ??).

2.34.3 Member Function Documentation

2.34.3.1 `RgbSource_ptr HxCorba::RgbSource::_duplicate (RgbSource_ptr p) [inline, static]`

2.34.3.2 `RgbSource_ptr HxCorba::RgbSource::_nil () [inline, static]`

Reimplemented in `HxCorba::ImageRepRgbSource` (p. 99).

2.34.3.3 `HxCorba::RgbSource_ptr HxCorba::RgbSource::_narrow (CORBA::Object_ptr p) [static]`

Reimplemented in `HxCorba::ImageRepRgbSource` (p. 99).

2.34.3.4 HxCorba::RgbSource_ptr HxCorba::RgbSource::unchecked_narrow (CORBA::Object_ptr *p*) [static]

Reimplemented in HxCorba::ImageRepRgbSource (p. 99).

2.34.3.5 HxCorba::RgbSource_ptr HxCorba::RgbSource::narrow (CORBA::AbstractBase_ptr *p*) [static]

Reimplemented in HxCorba::ImageRepRgbSource (p. 99).

2.34.3.6 HxCorba::RgbSource_ptr HxCorba::RgbSource::unchecked_narrow (CORBA::AbstractBase_ptr *p*) [static]

Reimplemented in HxCorba::ImageRepRgbSource (p. 99).

2.34.3.7 const char ** HxCorba::RgbSource::_OB_staticIds () [static]

Reimplemented in HxCorba::ImageRepRgbSource (p. 99).

2.34.3.8 virtual RgbSeq* HxCorba::RgbSource::getRgb () [pure virtual]

Reimplemented in OBProxy_HxCorba::RgbSource (p. ??).

2.34.3.9 virtual void HxCorba::RgbSource::fillRgb (RgbBuffer_ptr *buffer*) [pure virtual]

2.34.4 Member Data Documentation

2.34.4.1 const char * HxCorba::RgbSource::ids_ [static, protected]

Initial value:

```
{
    "IDL:HxCorba/RgbSource:1.0",
    0
}
```

Reimplemented in HxCorba::ImageRepRgbSource (p. 100).

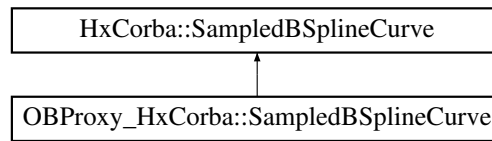
The documentation for this class was generated from the following files:

- HxCorbaRgbBuffer.h
- HxCorbaRgbBuffer.c

2.35 HxCorba::SampledBSPlineCurve Class Reference

```
#include <HxCorbaBSplineCurve.h>
```

Inheritance diagram for HxCorba::SampledBSPlineCurve::



Public Types

- typedef SampledBSPlineCurve_ptr _ptr_type
- typedef SampledBSPlineCurve_var _var_type

Public Methods

- SampledBSPlineCurve ()
- virtual ~SampledBSPlineCurve ()
- virtual BSplineCurve_ptr continuousCurve ()=0
- virtual CORBA::Long nSamples ()=0
- virtual Polyline2d_ptr CPoly ()=0
- virtual PointR2 C (CORBA::Long i)=0
- virtual PointR2Seq * allC ()=0
- virtual CORBA::Double length ()=0
- virtual Polyline2d_ptr controlP ()=0
- virtual CORBA::Long numP ()=0
- virtual PointR2Seq * allP ()=0

Static Public Methods

- SampledBSPlineCurve_ptr _duplicate (SampledBSPlineCurve_ptr p)
- SampledBSPlineCurve_ptr _nil ()
- SampledBSPlineCurve_ptr _narrow (CORBA::Object_ptr)
- SampledBSPlineCurve_ptr _unchecked_narrow (CORBA::Object_ptr)
- SampledBSPlineCurve_ptr _narrow (CORBA::AbstractBase_ptr)
- SampledBSPlineCurve_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.35.1 Member Typedef Documentation

2.35.1.1 `typedef SampledBSPlineCurve_ptr HxCorba::SampledBSPlineCurve::_ptr_type`

2.35.1.2 `typedef SampledBSPlineCurve_var HxCorba::SampledBSPlineCurve::_var_type`

2.35.2 Constructor & Destructor Documentation

2.35.2.1 `HxCorba::SampledBSPlineCurve::SampledBSPlineCurve () [inline]`

Reimplemented in `OBProxy_HxCorba::SampledBSPlineCurve (p. ??)`.

2.35.2.2 `virtual HxCorba::SampledBSPlineCurve::~~SampledBSPlineCurve () [inline, virtual]`

Reimplemented in `OBProxy_HxCorba::SampledBSPlineCurve (p. ??)`.

2.35.3 Member Function Documentation

2.35.3.1 `SampledBSPlineCurve_ptr HxCorba::SampledBSPlineCurve::_duplicate (SampledBSPlineCurve_ptr p) [inline, static]`

2.35.3.2 `SampledBSPlineCurve_ptr HxCorba::SampledBSPlineCurve::_nil () [inline, static]`

2.35.3.3 `HxCorba::SampledBSPlineCurve_ptr HxCorba::SampledBSPlineCurve::_narrow (CORBA::Object_ptr p) [static]`

2.35.3.4 `HxCorba::SampledBSPlineCurve_ptr HxCorba::SampledBSPlineCurve::_unchecked_narrow (CORBA::Object_ptr p) [static]`

2.35.3.5 `HxCorba::SampledBSPlineCurve_ptr HxCorba::SampledBSPlineCurve::_narrow (CORBA::AbstractBase_ptr p) [static]`

2.35.3.6 `HxCorba::SampledBSPlineCurve_ptr HxCorba::SampledBSPlineCurve::_unchecked_narrow (CORBA::AbstractBase_ptr p) [static]`

2.35.3.7 `const char ** HxCorba::SampledBSPlineCurve::_OB_staticIds () [static]`

2.35.3.8 `virtual BSplineCurve_ptr HxCorba::SampledBSPlineCurve::continuousCurve () [pure virtual]`

Reimplemented in `OBProxy_HxCorba::SampledBSPlineCurve (p. ??)`.

2.35.3.9 `virtual CORBA::Long HxCorba::SampledBSPlineCurve::nSamples () [pure virtual]`

Reimplemented in `OBProxy_HxCorba::SampledBSPlineCurve (p. ??)`.

2.35.3.10 virtual Polyline2d_ptr HxCorba::SampledBSPlineCurve::CPoly () [pure virtual]

Reimplemented in OBProxy_HxCorba::SampledBSPlineCurve (p. ??).

2.35.3.11 virtual PointR2 HxCorba::SampledBSPlineCurve::C (CORBA::Long *ob_a0*) [pure virtual]

Reimplemented in OBProxy_HxCorba::SampledBSPlineCurve (p. ??).

2.35.3.12 virtual PointR2Seq* HxCorba::SampledBSPlineCurve::allC () [pure virtual]

Reimplemented in OBProxy_HxCorba::SampledBSPlineCurve (p. ??).

2.35.3.13 virtual CORBA::Double HxCorba::SampledBSPlineCurve::length () [pure virtual]

Reimplemented in OBProxy_HxCorba::SampledBSPlineCurve (p. ??).

2.35.3.14 virtual Polyline2d_ptr HxCorba::SampledBSPlineCurve::controlP () [pure virtual]

Reimplemented in OBProxy_HxCorba::SampledBSPlineCurve (p. ??).

2.35.3.15 virtual CORBA::Long HxCorba::SampledBSPlineCurve::numP () [pure virtual]

Reimplemented in OBProxy_HxCorba::SampledBSPlineCurve (p. ??).

2.35.3.16 virtual PointR2Seq* HxCorba::SampledBSPlineCurve::allP () [pure virtual]

Reimplemented in OBProxy_HxCorba::SampledBSPlineCurve (p. ??).

2.35.4 Member Data Documentation

2.35.4.1 const char * HxCorba::SampledBSPlineCurve::ids_ [static, protected]

Initial value:

```
{
    "IDL:HxCorba/SampledBSplineCurve:1.0",
    0
}
```

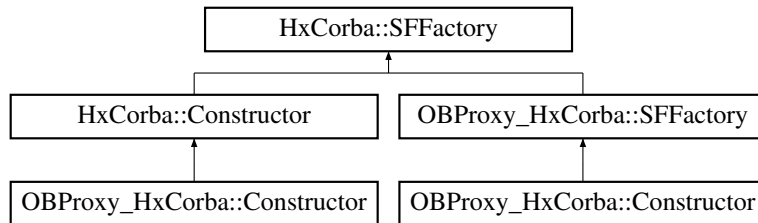
The documentation for this class was generated from the following files:

- HxCorbaBSplineCurve.h
- HxCorbaBSplineCurve.c

2.36 HxCorba::SFFactory Class Reference

```
#include <HxCorbaSF.h>
```

Inheritance diagram for HxCorba::SFFactory::



Public Types

- typedef SFFactory_ptr_ptr_type
- typedef SFFactory_var_var_type

Public Methods

- SFFactory ()
- virtual ~SFFactory ()
- virtual SF_ptr makeSFfromImage (ImageRep_ptr im)=0
- virtual SF_ptr makeFlatSF (ImageSignature sig, const Sizes &sz, const PixValue &val)=0
- virtual SF_ptr makeBoxSF (ImageSignature sig, const Sizes &sz, const PixValue &val)=0
- virtual SF_ptr makeCrossSF (ImageSignature sig, const Sizes &sz, const PixValue &val)=0
- virtual SF_ptr makeDiskSF (ImageSignature sig, const Sizes &sz, const PixValue &val)=0
- virtual SF_ptr makeDiamondSF (ImageSignature sig, const Sizes &sz, const PixValue &val)=0
- virtual SF_ptr makeGaussianSF (const Sizes &sz, CORBA::Double sigma)=0
- virtual SF_ptr makeParabolaSF (const Sizes &sz, CORBA::Double sigma)=0

Static Public Methods

- SFFactory_ptr _duplicate (SFFactory_ptr p)
- SFFactory_ptr _nil ()
- SFFactory_ptr _narrow (CORBA::Object_ptr)
- SFFactory_ptr _unchecked_narrow (CORBA::Object_ptr)
- SFFactory_ptr _narrow (CORBA::AbstractBase_ptr)
- SFFactory_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.36.1 Member Typedef Documentation

2.36.1.1 `typedef SFFactory_ptr HxCorba::SFFactory::_ptr_type`

Reimplemented in `HxCorba::Constructor` (p. 42).

2.36.1.2 `typedef SFFactory_var HxCorba::SFFactory::_var_type`

Reimplemented in `HxCorba::Constructor` (p. 42).

2.36.2 Constructor & Destructor Documentation

2.36.2.1 `HxCorba::SFFactory::SFFactory ()` `[inline]`

Reimplemented in `OBProxy_HxCorba::SFFactory` (p. ??).

2.36.2.2 `virtual HxCorba::SFFactory::~~SFFactory ()` `[inline, virtual]`

Reimplemented in `OBProxy_HxCorba::SFFactory` (p. ??).

2.36.3 Member Function Documentation

2.36.3.1 `SFFactory_ptr HxCorba::SFFactory::duplicate (SFFactory_ptr p)` `[inline, static]`

2.36.3.2 `SFFactory_ptr HxCorba::SFFactory::nil ()` `[inline, static]`

Reimplemented in `HxCorba::Constructor` (p. 42).

2.36.3.3 `HxCorba::SFFactory_ptr HxCorba::SFFactory::narrow (CORBA::Object_ptr p)` `[static]`

Reimplemented in `HxCorba::Constructor` (p. 42).

2.36.3.4 `HxCorba::SFFactory_ptr HxCorba::SFFactory::unchecked_narrow (CORBA::Object_ptr p)` `[static]`

Reimplemented in `HxCorba::Constructor` (p. 43).

2.36.3.5 `HxCorba::SFFactory_ptr HxCorba::SFFactory::narrow (CORBA::AbstractBase_ptr p)` `[static]`

Reimplemented in `HxCorba::Constructor` (p. 43).

2.36.3.6 HxCorba::SFFactory_ptr HxCorba::SFFactory::unchecked_narrow (CORBA::AbstractBase_ptr *p*) [static]

Reimplemented in HxCorba::Constructor (p. 43).

2.36.3.7 const char ** HxCorba::SFFactory::_OB_staticIds () [static]

Reimplemented in HxCorba::Constructor (p. 43).

2.36.3.8 virtual SF_ptr HxCorba::SFFactory::makeSFfromImage (ImageRep_ptr *im*) [pure virtual]

2.36.3.9 virtual SF_ptr HxCorba::SFFactory::makeFlatSF (ImageSignature *sig*, const Sizes & *sz*, const PixValue & *val*) [pure virtual]

2.36.3.10 virtual SF_ptr HxCorba::SFFactory::makeBoxSF (ImageSignature *sig*, const Sizes & *sz*, const PixValue & *val*) [pure virtual]

2.36.3.11 virtual SF_ptr HxCorba::SFFactory::makeCrossSF (ImageSignature *sig*, const Sizes & *sz*, const PixValue & *val*) [pure virtual]

2.36.3.12 virtual SF_ptr HxCorba::SFFactory::makeDiskSF (ImageSignature *sig*, const Sizes & *sz*, const PixValue & *val*) [pure virtual]

2.36.3.13 virtual SF_ptr HxCorba::SFFactory::makeDiamondSF (ImageSignature *sig*, const Sizes & *sz*, const PixValue & *val*) [pure virtual]

2.36.3.14 virtual SF_ptr HxCorba::SFFactory::makeGaussianSF (const Sizes & *sz*, CORBA::Double *sigma*) [pure virtual]

2.36.3.15 virtual SF_ptr HxCorba::SFFactory::makeParabolaSF (const Sizes & *sz*, CORBA::Double *sigma*) [pure virtual]

2.36.4 Member Data Documentation

2.36.4.1 const char * HxCorba::SFFactory::ids_ [static, protected]

Initial value:

```
{
    "IDL:HxCorba/SFFactory:1.0",
    0
}
```

Reimplemented in HxCorba::Constructor (p. 43).

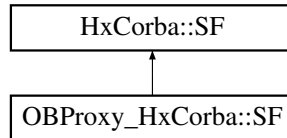
The documentation for this class was generated from the following files:

- HxCorbaSF.h
- HxCorbaSF.c

2.37 HxCorba::SF Class Reference

```
#include <HxCorbaSF.h>
```

Inheritance diagram for HxCorba::SF::



Public Types

- typedef SF_ptr_ptr_type
- typedef SF_var_var_type

Public Methods

- SF ()
- virtual ~SF ()
- virtual ImageRep_ptr getKernel ()=0
- virtual ImageRep_ptr getHorizontalKernel ()=0
- virtual ImageRep_ptr getVerticalKernel ()=0
- virtual CORBA::Long isSeparable ()=0
- virtual CORBA::Long isSymetric ()=0
- virtual CORBA::Long getConnectivity ()=0

Static Public Methods

- SF_ptr _duplicate (SF_ptr p)
- SF_ptr _nil ()
- SF_ptr _narrow (CORBA::Object_ptr)
- SF_ptr _unchecked_narrow (CORBA::Object_ptr)
- SF_ptr _narrow (CORBA::AbstractBase_ptr)
- SF_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.37.1 Member Typedef Documentation

2.37.1.1 `typedef SF_ptr HxCorba::SF::_ptr_type`

2.37.1.2 `typedef SF_var HxCorba::SF::_var_type`

2.37.2 Constructor & Destructor Documentation

2.37.2.1 `HxCorba::SF::SF () [inline]`

Reimplemented in `OBProxy_HxCorba::SF (p. ??)`.

2.37.2.2 `virtual HxCorba::SF::~~SF () [inline, virtual]`

Reimplemented in `OBProxy_HxCorba::SF (p. ??)`.

2.37.3 Member Function Documentation

2.37.3.1 `SF_ptr HxCorba::SF::_duplicate (SF_ptr p) [inline, static]`

2.37.3.2 `SF_ptr HxCorba::SF::_nil () [inline, static]`

2.37.3.3 `HxCorba::SF_ptr HxCorba::SF::_narrow (CORBA::Object_ptr p) [static]`

2.37.3.4 `HxCorba::SF_ptr HxCorba::SF::_unchecked_narrow (CORBA::Object_ptr p) [static]`

2.37.3.5 `HxCorba::SF_ptr HxCorba::SF::_narrow (CORBA::AbstractBase_ptr p) [static]`

2.37.3.6 `HxCorba::SF_ptr HxCorba::SF::_unchecked_narrow (CORBA::AbstractBase_ptr p) [static]`

2.37.3.7 `const char ** HxCorba::SF::_OB_staticIds () [static]`

2.37.3.8 `virtual ImageRep_ptr HxCorba::SF::getKernel () [pure virtual]`

Reimplemented in `OBProxy_HxCorba::SF (p. ??)`.

2.37.3.9 `virtual ImageRep_ptr HxCorba::SF::getHorizontalKernel () [pure virtual]`

Reimplemented in `OBProxy_HxCorba::SF (p. ??)`.

2.37.3.10 `virtual ImageRep_ptr HxCorba::SF::getVerticalKernel () [pure virtual]`

Reimplemented in `OBProxy_HxCorba::SF (p. ??)`.

2.37.3.11 `virtual CORBA::Long HxCorba::SF::isSeparable () [pure virtual]`

Reimplemented in `OBProxy_HxCorba::SF (p. ??)`.

2.37.3.12 virtual CORBA::Long HxCorba::SF::isSymetric () [pure virtual]

Reimplemented in OBProxy_HxCorba::SF (p. ??).

2.37.3.13 virtual CORBA::Long HxCorba::SF::getConnectivity () [pure virtual]

Reimplemented in OBProxy_HxCorba::SF (p. ??).

2.37.4 Member Data Documentation

2.37.4.1 const char * HxCorba::SF::ids_ [static, protected]

Initial value:

```
{
    "IDL:HxCorba/SF:1.0",
    0
}
```

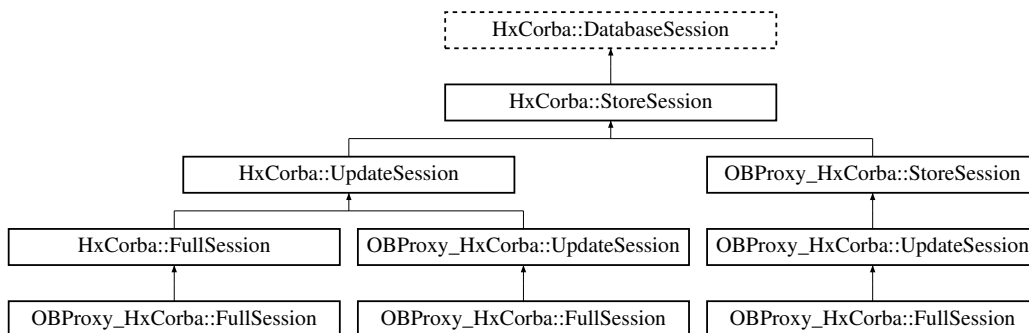
The documentation for this class was generated from the following files:

- HxCorbaSF.h
- HxCorbaSF.c

2.38 HxCorba::StoreSession Class Reference

```
#include <HxCorbaDatabaseSessions.h>
```

Inheritance diagram for HxCorba::StoreSession::



Public Types

- typedef StoreSession_ptr_ptr_type
- typedef StoreSession_var_var_type

Public Methods

- StoreSession ()
- virtual ~StoreSession ()
- virtual void addSegmentation (VxSegmentation_ptr seg, const char *videoName, const char *segName, const char *description)=0
- virtual VxSegmentationBuilder_ptr buildSegmentation (const char *videoName, const char *segName)=0

Static Public Methods

- StoreSession_ptr _duplicate (StoreSession_ptr p)
- StoreSession_ptr _nil ()
- StoreSession_ptr _narrow (CORBA::Object_ptr)
- StoreSession_ptr _unchecked_narrow (CORBA::Object_ptr)
- StoreSession_ptr _narrow (CORBA::AbstractBase_ptr)
- StoreSession_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.38.1 Member Typedef Documentation

2.38.1.1 typedef StoreSession_ptr HxCORBA::StoreSession::_ptr_type

Reimplemented from HxCORBA::DatabaseSession (p. 45).

Reimplemented in HxCORBA::UpdateSession (p. 172), and HxCORBA::FullSession (p. 50).

2.38.1.2 typedef StoreSession_var HxCORBA::StoreSession::_var_type

Reimplemented from HxCORBA::DatabaseSession (p. 45).

Reimplemented in HxCORBA::UpdateSession (p. 172), and HxCORBA::FullSession (p. 50).

2.38.2 Constructor & Destructor Documentation

2.38.2.1 HxCORBA::StoreSession::StoreSession () [inline]

Reimplemented in OBProxy_HxCORBA::StoreSession (p. ??).

2.38.2.2 virtual HxCORBA::StoreSession::~~StoreSession () [inline, virtual]

Reimplemented in OBProxy_HxCORBA::StoreSession (p. ??).

2.38.3 Member Function Documentation

2.38.3.1 `StoreSession_ptr HxCorba::StoreSession::duplicate (StoreSession_ptr p)` [*inline, static*]

2.38.3.2 `StoreSession_ptr HxCorba::StoreSession::nil ()` [*inline, static*]

Reimplemented from `HxCorba::DatabaseSession` (p. 45).

Reimplemented in `HxCorba::UpdateSession` (p. 172), and `HxCorba::FullSession` (p. 51).

2.38.3.3 `HxCorba::StoreSession_ptr HxCorba::StoreSession::narrow (CORBA::Object_ptr p)` [*static*]

Reimplemented from `HxCorba::DatabaseSession` (p. 45).

Reimplemented in `HxCorba::UpdateSession` (p. 172), and `HxCorba::FullSession` (p. 51).

2.38.3.4 `HxCorba::StoreSession_ptr HxCorba::StoreSession::unchecked_narrow (CORBA::Object_ptr p)` [*static*]

Reimplemented from `HxCorba::DatabaseSession` (p. 45).

Reimplemented in `HxCorba::UpdateSession` (p. 172), and `HxCorba::FullSession` (p. 51).

2.38.3.5 `HxCorba::StoreSession_ptr HxCorba::StoreSession::narrow (CORBA::AbstractBase_ptr p)` [*static*]

Reimplemented from `HxCorba::DatabaseSession` (p. 46).

Reimplemented in `HxCorba::UpdateSession` (p. 173), and `HxCorba::FullSession` (p. 51).

2.38.3.6 `HxCorba::StoreSession_ptr HxCorba::StoreSession::unchecked_narrow (CORBA::AbstractBase_ptr p)` [*static*]

Reimplemented from `HxCorba::DatabaseSession` (p. 46).

Reimplemented in `HxCorba::UpdateSession` (p. 173), and `HxCorba::FullSession` (p. 51).

2.38.3.7 `const char ** HxCorba::StoreSession::OB_staticIds ()` [*static*]

Reimplemented from `HxCorba::DatabaseSession` (p. 46).

Reimplemented in `HxCorba::UpdateSession` (p. 173), and `HxCorba::FullSession` (p. 51).

2.38.3.8 `virtual void HxCorba::StoreSession::addSegmentation (VxSegmentation_ptr seg, const char * videoName, const char * segName, const char * description)` [*pure virtual*]

2.38.3.9 `virtual VxSegmentationBuilder_ptr HxCorba::StoreSession::buildSegmentation (const char * ob_a0, const char * ob_a1)` [*pure virtual*]

Reimplemented in `OBProxy_HxCorba::StoreSession` (p. ??).

2.38.4 Member Data Documentation

2.38.4.1 `const char * HxCorba::StoreSession::ids_` [static, protected]

Initial value:

```
{
    "IDL:HxCorba/StoreSession:1.0",
    "IDL:HxCorba/DatabaseSession:1.0",
    0
}
```

Reimplemented from `HxCorba::DatabaseSession` (p. 47).

Reimplemented in `HxCorba::UpdateSession` (p. 173), and `HxCorba::FullSession` (p. 52).

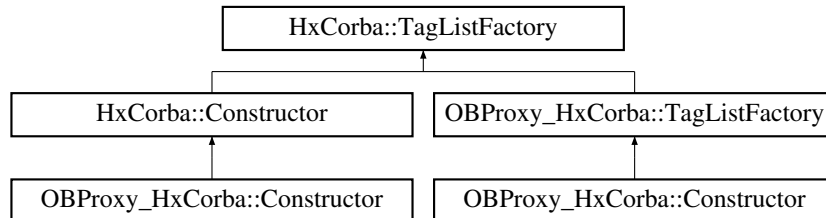
The documentation for this class was generated from the following files:

- `HxCorbaDatabaseSessions.h`
- `HxCorbaDatabaseSessions.c`

2.39 HxCorba::TagListFactory Class Reference

```
#include <HxCorbaTagList.h>
```

Inheritance diagram for `HxCorba::TagListFactory`:



Public Types

- `typedef TagListFactory_ptr_ptr_type`
- `typedef TagListFactory_var_var_type`

Public Methods

- `TagListFactory ()`
- `virtual ~TagListFactory ()`
- `virtual TagList_ptr emptyTagList ()=0`
- `virtual TagList_ptr simpleIntTag (const char *name, CORBA::Long val)=0`
- `virtual TagList_ptr simpleFloatTag (const char *name, CORBA::Double val)=0`

Static Public Methods

- `TagListFactory_ptr _duplicate (TagListFactory_ptr p)`
- `TagListFactory_ptr _nil ()`
- `TagListFactory_ptr _narrow (CORBA::Object_ptr)`
- `TagListFactory_ptr _unchecked_narrow (CORBA::Object_ptr)`
- `TagListFactory_ptr _narrow (CORBA::AbstractBase_ptr)`
- `TagListFactory_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)`
- `const char ** _OB_staticIds ()`

Static Protected Attributes

- `const char * ids_ []`

2.39.1 Member Typedef Documentation

2.39.1.1 `typedef TagListFactory_ptr HxCorba::TagListFactory::_ptr_type`

Reimplemented in `HxCorba::Constructor` (p. 42).

2.39.1.2 `typedef TagListFactory_var HxCorba::TagListFactory::_var_type`

Reimplemented in `HxCorba::Constructor` (p. 42).

2.39.2 Constructor & Destructor Documentation

2.39.2.1 `HxCorba::TagListFactory::TagListFactory () [inline]`

Reimplemented in `OBProxy_HxCorba::TagListFactory` (p. ??).

2.39.2.2 `virtual HxCorba::TagListFactory::~~TagListFactory () [inline, virtual]`

Reimplemented in `OBProxy_HxCorba::TagListFactory` (p. ??).

2.39.3 Member Function Documentation

2.39.3.1 `TagListFactory_ptr HxCorba::TagListFactory::_duplicate (TagListFactory_ptr p) [inline, static]`

2.39.3.2 `TagListFactory_ptr HxCorba::TagListFactory::_nil () [inline, static]`

Reimplemented in `HxCorba::Constructor` (p. 42).

2.39.3.3 `HxCorba::TagListFactory_ptr HxCorba::TagListFactory::_narrow (CORBA::Object_ptr p) [static]`

Reimplemented in `HxCorba::Constructor` (p. 42).

2.39.3.4 HxCorba::TagListFactory_ptr HxCorba::TagListFactory::unchecked_narrow (CORBA::Object_ptr p) [static]

Reimplemented in HxCorba::Constructor (p. 43).

2.39.3.5 HxCorba::TagListFactory_ptr HxCorba::TagListFactory::narrow (CORBA::AbstractBase_ptr p) [static]

Reimplemented in HxCorba::Constructor (p. 43).

2.39.3.6 HxCorba::TagListFactory_ptr HxCorba::TagListFactory::unchecked_narrow (CORBA::AbstractBase_ptr p) [static]

Reimplemented in HxCorba::Constructor (p. 43).

2.39.3.7 const char ** HxCorba::TagListFactory::OB_staticIds () [static]

Reimplemented in HxCorba::Constructor (p. 43).

2.39.3.8 virtual TagList_ptr HxCorba::TagListFactory::emptyTagList () [pure virtual]

Reimplemented in OBProxy_HxCorba::TagListFactory (p. ??).

2.39.3.9 virtual TagList_ptr HxCorba::TagListFactory::simpleIntTag (const char * ob_a0, CORBA::Long ob_a1) [pure virtual]

Reimplemented in OBProxy_HxCorba::TagListFactory (p. ??).

2.39.3.10 virtual TagList_ptr HxCorba::TagListFactory::simpleFloatTag (const char * ob_a0, CORBA::Double ob_a1) [pure virtual]

Reimplemented in OBProxy_HxCorba::TagListFactory (p. ??).

2.39.4 Member Data Documentation

2.39.4.1 const char * HxCorba::TagListFactory::ids_ [static, protected]

Initial value:

```
{
    "IDL:HxCorba/TagListFactory:1.0",
    0
}
```

Reimplemented in HxCorba::Constructor (p. 43).

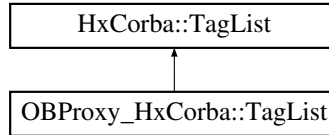
The documentation for this class was generated from the following files:

- HxCorbaTagList.h
- HxCorbaTagList.c

2.40 HxCorba::TagList Class Reference

```
#include <HxCorbaTagList.h>
```

Inheritance diagram for HxCorba::TagList::



Public Types

- typedef TagList_ptr_ptr_type
- typedef TagList_var_var_type

Public Methods

- TagList ()
- virtual ~TagList ()
- virtual void addInt (const char *name, CORBA::Long val)=0
- virtual CORBA::Long getInt (const char *name)=0
- virtual void addFloat (const char *name, CORBA::Double val)=0
- virtual CORBA::Double getFloat (const char *name)=0
- virtual void addValue (const char *name, const PixValue &val)=0
- virtual PixValue getValue (const char *name)=0

Static Public Methods

- TagList_ptr_duplicate (TagList_ptr p)
- TagList_ptr_nil ()
- TagList_ptr_narrow (CORBA::Object_ptr)
- TagList_ptr_unchecked_narrow (CORBA::Object_ptr)
- TagList_ptr_narrow (CORBA::AbstractBase_ptr)
- TagList_ptr_unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.40.1 Member Typedef Documentation

2.40.1.1 `typedef TagList_ptr HxCORBA::TagList::_ptr_type`

2.40.1.2 `typedef TagList_var HxCORBA::TagList::_var_type`

2.40.2 Constructor & Destructor Documentation

2.40.2.1 `HxCORBA::TagList::TagList ()` `[inline]`

Reimplemented in `OBProxy_HxCORBA::TagList` (p. ??).

2.40.2.2 `virtual HxCORBA::TagList::~~TagList ()` `[inline, virtual]`

Reimplemented in `OBProxy_HxCORBA::TagList` (p. ??).

2.40.3 Member Function Documentation

2.40.3.1 `TagList_ptr HxCORBA::TagList::_duplicate (TagList_ptr p)` `[inline, static]`

2.40.3.2 `TagList_ptr HxCORBA::TagList::_nil ()` `[inline, static]`

2.40.3.3 `HxCORBA::TagList_ptr HxCORBA::TagList::_narrow (CORBA::Object_ptr p)` `[static]`

2.40.3.4 `HxCORBA::TagList_ptr HxCORBA::TagList::_unchecked_narrow (CORBA::Object_ptr p)`
`[static]`

2.40.3.5 `HxCORBA::TagList_ptr HxCORBA::TagList::_narrow (CORBA::AbstractBase_ptr p)`
`[static]`

2.40.3.6 `HxCORBA::TagList_ptr HxCORBA::TagList::_unchecked_narrow (CORBA::AbstractBase_ptr p)`
`[static]`

2.40.3.7 `const char ** HxCORBA::TagList::_OB_staticIds ()` `[static]`

2.40.3.8 `virtual void HxCORBA::TagList::addInt (const char * _ob_a0, CORBA::Long _ob_a1)`
`[pure virtual]`

Reimplemented in `OBProxy_HxCORBA::TagList` (p. ??).

2.40.3.9 `virtual CORBA::Long HxCORBA::TagList::getInt (const char * _ob_a0)` `[pure virtual]`

Reimplemented in `OBProxy_HxCORBA::TagList` (p. ??).

2.40.3.10 `virtual void HxCORBA::TagList::addFloat (const char * _ob_a0, CORBA::Double _ob_a1)`
`[pure virtual]`

Reimplemented in `OBProxy_HxCORBA::TagList` (p. ??).

2.40.3.11 virtual CORBA::Double HxCorba::TagList::getFloat (const char * *_ob_a0*) [pure virtual]

Reimplemented in OBProxy_HxCorba::TagList (p. ??).

2.40.3.12 virtual void HxCorba::TagList::addValue (const char * *name*, const PixValue & *val*) [pure virtual]

2.40.3.13 virtual PixValue HxCorba::TagList::getValue (const char * *_ob_a0*) [pure virtual]

Reimplemented in OBProxy_HxCorba::TagList (p. ??).

2.40.4 Member Data Documentation

2.40.4.1 const char * HxCorba::TagList::ids_ [static, protected]

Initial value:

```
{
  "IDL:HxCorba/TagList:1.0",
  0
}
```

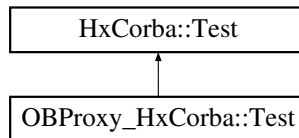
The documentation for this class was generated from the following files:

- HxCorbaTagList.h
- HxCorbaTagList.c

2.41 HxCorba::Test Class Reference

```
#include <HxCorbaTest.h>
```

Inheritance diagram for HxCorba::Test::



Public Types

- typedef Test_ptr _ptr_type
- typedef Test_var _var_type

Public Methods

- Test ()
- virtual ~Test ()
- virtual CORBA::Long printMessage (const char *msg)=0

Static Public Methods

- `Test_ptr _duplicate (Test_ptr p)`
- `Test_ptr _nil ()`
- `Test_ptr _narrow (CORBA::Object_ptr)`
- `Test_ptr _unchecked_narrow (CORBA::Object_ptr)`
- `Test_ptr _narrow (CORBA::AbstractBase_ptr)`
- `Test_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)`
- `const char ** _OB_staticIds ()`

Static Protected Attributes

- `const char * ids_ []`

2.41.1 Member Typedef Documentation

2.41.1.1 `typedef Test_ptr HxCORBA::Test::_ptr_type`

2.41.1.2 `typedef Test_var HxCORBA::Test::_var_type`

2.41.2 Constructor & Destructor Documentation

2.41.2.1 `HxCORBA::Test::Test () [inline]`

Reimplemented in `OBProxy_HxCORBA::Test (p. ??)`.

2.41.2.2 `virtual HxCORBA::Test::~~Test () [inline, virtual]`

Reimplemented in `OBProxy_HxCORBA::Test (p. ??)`.

2.41.3 Member Function Documentation

2.41.3.1 `Test_ptr HxCorba::Test::_duplicate (Test_ptr p)` [inline, static]

2.41.3.2 `Test_ptr HxCorba::Test::_nil ()` [inline, static]

2.41.3.3 `HxCorba::Test_ptr HxCorba::Test::_narrow (CORBA::Object_ptr p)` [static]

2.41.3.4 `HxCorba::Test_ptr HxCorba::Test::_unchecked_narrow (CORBA::Object_ptr p)`
[static]

2.41.3.5 `HxCorba::Test_ptr HxCorba::Test::_narrow (CORBA::AbstractBase_ptr p)` [static]

2.41.3.6 `HxCorba::Test_ptr HxCorba::Test::_unchecked_narrow (CORBA::AbstractBase_ptr p)`
[static]

2.41.3.7 `const char ** HxCorba::Test::_OB_staticIds ()` [static]

2.41.3.8 `virtual CORBA::Long HxCorba::Test::printMessage (const char * _ob_a0)` [pure
virtual]

Reimplemented in `OBProxy_HxCorba::Test` (p. ??).

2.41.4 Member Data Documentation

2.41.4.1 `const char * HxCorba::Test::ids_` [static, protected]

Initial value:

```
{
  "IDL:HxCorba/Test:1.0",
  0
}
```

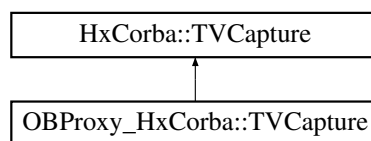
The documentation for this class was generated from the following files:

- `HxCorbaTest.h`
- `HxCorbaTest.c`

2.42 HxCorba::TVCapture Class Reference

```
#include <HxCorbaTVCapture.h>
```

Inheritance diagram for `HxCorba::TVCapture`:



Public Types

- typedef TVCapture_ptr_ptr_type
- typedef TVCapture_var_var_type

Public Methods

- TVCapture ()
- virtual ~TVCapture ()
- virtual Sizes getSizes ()=0
- virtual RgbSeq * getRgb ()=0
- virtual void close ()=0

Static Public Methods

- TVCapture_ptr_duplicate (TVCapture_ptr p)
- TVCapture_ptr_nil ()
- TVCapture_ptr_narrow (CORBA::Object_ptr)
- TVCapture_ptr_unchecked_narrow (CORBA::Object_ptr)
- TVCapture_ptr_narrow (CORBA::AbstractBase_ptr)
- TVCapture_ptr_unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.42.1 Member Typedef Documentation

2.42.1.1 typedef TVCapture_ptr HxCorba::TVCapture::_ptr_type

2.42.1.2 typedef TVCapture_var HxCorba::TVCapture::_var_type

2.42.2 Constructor & Destructor Documentation

2.42.2.1 HxCorba::TVCapture::TVCapture () [inline]

Reimplemented in OBProxy_HxCorba::TVCapture (p. ??).

2.42.2.2 virtual HxCorba::TVCapture::~~TVCapture () [inline, virtual]

Reimplemented in OBProxy_HxCorba::TVCapture (p. ??).

2.42.3 Member Function Documentation

2.42.3.1 `TVCapture_ptr HxCorba::TVCapture::duplicate (TVCapture_ptr p)` [`inline, static`]

2.42.3.2 `TVCapture_ptr HxCorba::TVCapture::nil ()` [`inline, static`]

2.42.3.3 `HxCorba::TVCapture_ptr HxCorba::TVCapture::narrow (CORBA::Object_ptr p)` [`static`]

2.42.3.4 `HxCorba::TVCapture_ptr HxCorba::TVCapture::unchecked_narrow (CORBA::Object_ptr p)` [`static`]

2.42.3.5 `HxCorba::TVCapture_ptr HxCorba::TVCapture::narrow (CORBA::AbstractBase_ptr p)` [`static`]

2.42.3.6 `HxCorba::TVCapture_ptr HxCorba::TVCapture::unchecked_narrow (CORBA::AbstractBase_ptr p)` [`static`]

2.42.3.7 `const char ** HxCorba::TVCapture::_OB_staticIds ()` [`static`]

2.42.3.8 `virtual Sizes HxCorba::TVCapture::getSizes ()` [`pure virtual`]

Reimplemented in `OBProxy_HxCorba::TVCapture` (p. ??).

2.42.3.9 `virtual RgbSeq* HxCorba::TVCapture::getRgb ()` [`pure virtual`]

Reimplemented in `OBProxy_HxCorba::TVCapture` (p. ??).

2.42.3.10 `virtual void HxCorba::TVCapture::close ()` [`pure virtual`]

Reimplemented in `OBProxy_HxCorba::TVCapture` (p. ??).

2.42.4 Member Data Documentation

2.42.4.1 `const char * HxCorba::TVCapture::ids_` [`static, protected`]

Initial value:

```
{
    "IDL:HxCorba/TVCapture:1.0",
    0
}
```

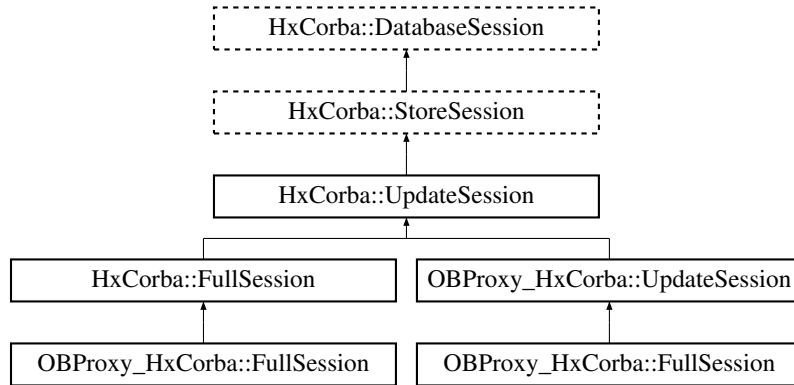
The documentation for this class was generated from the following files:

- `HxCorbaTVCapture.h`
- `HxCorbaTVCapture.c`

2.43 HxCorba::UpdateSession Class Reference

```
#include <HxCorbaDatabaseSessions.h>
```

Inheritance diagram for HxCorba::UpdateSession::



Public Types

- typedef UpdateSession_ptr_ptr_type
- typedef UpdateSession_var_var_type

Public Methods

- UpdateSession ()
- virtual ~UpdateSession ()
- virtual void removeVideo (const char *videoName)=0
- virtual void removeSegmentation (VxSegmentation_ptr seg)=0
- virtual void removeSegment (VxSegment_ptr segment)=0

Static Public Methods

- UpdateSession_ptr_duplicate (UpdateSession_ptr p)
- UpdateSession_ptr_nil ()
- UpdateSession_ptr_narrow (CORBA::Object_ptr)
- UpdateSession_ptr_unchecked_narrow (CORBA::Object_ptr)
- UpdateSession_ptr_narrow (CORBA::AbstractBase_ptr)
- UpdateSession_ptr_unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.43.1 Member Typedef Documentation

2.43.1.1 typedef UpdateSession_ptr HxCorba::UpdateSession::_ptr_type

Reimplemented from HxCorba::StoreSession (p. 159).

Reimplemented in HxCorba::FullSession (p. 50).

2.43.1.2 typedef UpdateSession_var HxCorba::UpdateSession::_var_type

Reimplemented from HxCorba::StoreSession (p. 159).

Reimplemented in HxCorba::FullSession (p. 50).

2.43.2 Constructor & Destructor Documentation

2.43.2.1 HxCorba::UpdateSession::UpdateSession () [inline]

Reimplemented in OBProxy_HxCorba::UpdateSession (p. ??).

2.43.2.2 virtual HxCorba::UpdateSession::~~UpdateSession () [inline, virtual]

Reimplemented in OBProxy_HxCorba::UpdateSession (p. ??).

2.43.3 Member Function Documentation

2.43.3.1 UpdateSession_ptr HxCorba::UpdateSession::_duplicate (UpdateSession_ptr p) [inline, static]

2.43.3.2 UpdateSession_ptr HxCorba::UpdateSession::_nil () [inline, static]

Reimplemented from HxCorba::StoreSession (p. 160).

Reimplemented in HxCorba::FullSession (p. 51).

2.43.3.3 HxCorba::UpdateSession_ptr HxCorba::UpdateSession::_narrow (CORBA::Object_ptr p) [static]

Reimplemented from HxCorba::StoreSession (p. 160).

Reimplemented in HxCorba::FullSession (p. 51).

2.43.3.4 HxCorba::UpdateSession_ptr HxCorba::UpdateSession::_unchecked_narrow (CORBA::Object_ptr p) [static]

Reimplemented from HxCorba::StoreSession (p. 160).

Reimplemented in HxCorba::FullSession (p. 51).

2.43.3.5 `HxCorba::UpdateSession_ptr HxCorba::UpdateSession::_narrow`
(CORBA::AbstractBase_ptr *p*) [static]

Reimplemented from `HxCorba::StoreSession` (p. 160).

Reimplemented in `HxCorba::FullSession` (p. 51).

2.43.3.6 `HxCorba::UpdateSession_ptr HxCorba::UpdateSession::_unchecked_narrow`
(CORBA::AbstractBase_ptr *p*) [static]

Reimplemented from `HxCorba::StoreSession` (p. 160).

Reimplemented in `HxCorba::FullSession` (p. 51).

2.43.3.7 `const char ** HxCorba::UpdateSession::_OB_staticIds ()` [static]

Reimplemented from `HxCorba::StoreSession` (p. 160).

Reimplemented in `HxCorba::FullSession` (p. 51).

2.43.3.8 `virtual void HxCorba::UpdateSession::removeVideo (const char * ob_id)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::UpdateSession` (p. ??).

2.43.3.9 `virtual void HxCorba::UpdateSession::removeSegmentation (VxSegmentation_ptr seg)`
[pure virtual]

2.43.3.10 `virtual void HxCorba::UpdateSession::removeSegment (VxSegment_ptr segment)`
[pure virtual]

2.43.4 Member Data Documentation

2.43.4.1 `const char * HxCorba::UpdateSession::ids_` [static, protected]

Initial value:

```
{
    "IDL:HxCorba/UpdateSession:1.0",
    "IDL:HxCorba/DatabaseSession:1.0",
    "IDL:HxCorba/StoreSession:1.0",
    0
}
```

Reimplemented from `HxCorba::StoreSession` (p. 161).

Reimplemented in `HxCorba::FullSession` (p. 52).

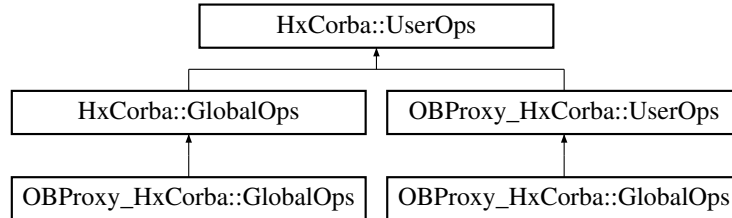
The documentation for this class was generated from the following files:

- `HxCorbaDatabaseSessions.h`
- `HxCorbaDatabaseSessions.c`

2.44 HxCorba::UserOps Class Reference

```
#include <HxCorbaUserOps.h>
```

Inheritance diagram for HxCorba::UserOps::



Public Types

- typedef UserOps_ptr_ptr_type
- typedef UserOps_var_var_type

Public Methods

- UserOps ()
- virtual ~UserOps ()
- virtual void HxOpenTrecDB (const char *indexFile, const char *dbDir)=0
- virtual SegmentQueryResultSeq * HxTrecDemo (TrecFaceT faces, TrecYesNoT monologue, TrecYesNoT speech, TrecCameraT camera, ImageRep_ptr qimage)=0
- virtual void HxInitTrack (ImageSeq_ptr seq, CORBA::Long startFrame, CORBA::Long x0, CORBA::Long y0, CORBA::Long x1, CORBA::Long y1)=0
- virtual CORBA::Boolean HxDoTrack (CORBA::Long nextFrame, CORBA::Long_out x0, CORBA::Long_out y0, CORBA::Long_out x1, CORBA::Long_out y1, CORBA::Boolean_out occlusion)=0
- virtual void HxEndTrack ()=0
- virtual char * MyStringFunction ()=0
- virtual MyMessage * MyStringFunction2 ()=0
- virtual AapFeatures JmCalcAapFeatures (ImageRep_ptr aap, ImageRep_ptr aap-Segmentation)=0

Static Public Methods

- UserOps_ptr _duplicate (UserOps_ptr p)
- UserOps_ptr _nil ()
- UserOps_ptr _narrow (CORBA::Object_ptr)
- UserOps_ptr _unchecked_narrow (CORBA::Object_ptr)
- UserOps_ptr _narrow (CORBA::AbstractBase_ptr)
- UserOps_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- `const char * ids_ []`

2.44.1 Member Typedef Documentation

2.44.1.1 `typedef UserOps_ptr HxCorba::UserOps::_ptr_type`

Reimplemented in `HxCorba::GlobalOps` (p. 60).

2.44.1.2 `typedef UserOps_var HxCorba::UserOps::_var_type`

Reimplemented in `HxCorba::GlobalOps` (p. 60).

2.44.2 Constructor & Destructor Documentation

2.44.2.1 `HxCorba::UserOps::UserOps () [inline]`

Reimplemented in `OBProxy_HxCorba::UserOps` (p. ??).

2.44.2.2 `virtual HxCorba::UserOps::~~UserOps () [inline, virtual]`

Reimplemented in `OBProxy_HxCorba::UserOps` (p. ??).

2.44.3 Member Function Documentation

2.44.3.1 `UserOps_ptr HxCorba::UserOps::_duplicate (UserOps_ptr p) [inline, static]`

2.44.3.2 `UserOps_ptr HxCorba::UserOps::_nil () [inline, static]`

Reimplemented in `HxCorba::GlobalOps` (p. 61).

2.44.3.3 `HxCorba::UserOps_ptr HxCorba::UserOps::_narrow (CORBA::Object_ptr p) [static]`

Reimplemented in `HxCorba::GlobalOps` (p. 61).

2.44.3.4 `HxCorba::UserOps_ptr HxCorba::UserOps::_unchecked_narrow (CORBA::Object_ptr p) [static]`

Reimplemented in `HxCorba::GlobalOps` (p. 61).

2.44.3.5 `HxCorba::UserOps_ptr HxCorba::UserOps::_narrow (CORBA::AbstractBase_ptr p) [static]`

Reimplemented in `HxCorba::GlobalOps` (p. 61).

2.44.3.6 `HxCorba::UserOps_ptr HxCorba::UserOps::unchecked_narrow (CORBA::AbstractBase_ptr p)` [static]

Reimplemented in `HxCorba::GlobalOps` (p. 61).

2.44.3.7 `const char ** HxCorba::UserOps::_OB_staticIds ()` [static]

Reimplemented in `HxCorba::GlobalOps` (p. 61).

2.44.3.8 `virtual void HxCorba::UserOps::HxOpenTrecDB (const char * _ob_a0, const char * _ob_a1)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::UserOps` (p. ??).

2.44.3.9 `virtual SegmentQueryResultSeq* HxCorba::UserOps::HxTrecDemo (TrecFaceT faces, TrecYesNoT monologue, TrecYesNoT speech, TrecCameraT camera, ImageRep_ptr qimage)` [pure virtual]

2.44.3.10 `virtual void HxCorba::UserOps::HxInitTrack (ImageSeq_ptr seq, CORBA::Long startFrame, CORBA::Long x0, CORBA::Long y0, CORBA::Long x1, CORBA::Long y1)` [pure virtual]

2.44.3.11 `virtual CORBA::Boolean HxCorba::UserOps::HxDoTrack (CORBA::Long _ob_a0, CORBA::Long_out _ob_a1, CORBA::Long_out _ob_a2, CORBA::Long_out _ob_a3, CORBA::Long_out _ob_a4, CORBA::Boolean_out _ob_a5)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::UserOps` (p. ??).

2.44.3.12 `virtual void HxCorba::UserOps::HxEndTrack ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::UserOps` (p. ??).

2.44.3.13 `virtual char* HxCorba::UserOps::MyStringFunction ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::UserOps` (p. ??).

2.44.3.14 `virtual MyMessage* HxCorba::UserOps::MyStringFunction2 ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::UserOps` (p. ??).

2.44.3.15 `virtual AapFeatures HxCorba::UserOps::JmCalcAapFeatures (ImageRep_ptr aap, ImageRep_ptr aapSegmentation)` [pure virtual]

2.44.4 Member Data Documentation

2.44.4.1 `const char * HxCorba::UserOps::ids_` [static, protected]

Initial value:

```
{
    "IDL:HxCorba/UserOps:1.0",
    0
}
```

Reimplemented in `HxCorba::GlobalOps` (p. 73).

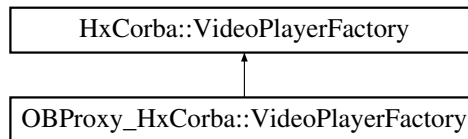
The documentation for this class was generated from the following files:

- `HxCorbaUserOps.h`
- `HxCorbaUserOps.c`

2.45 HxCorba::VideoPlayerFactory Class Reference

```
#include <HxCorbaVideoPlayer.h>
```

Inheritance diagram for `HxCorba::VideoPlayerFactory`:



Public Types

- `typedef VideoPlayerFactory_ptr_ptr_type`
- `typedef VideoPlayerFactory_var_var_type`

Public Methods

- `VideoPlayerFactory ()`
- `virtual ~VideoPlayerFactory ()`
- `virtual VideoPlayer_ptr makeFullPlayer (const char *fileName)=0`
- `virtual VideoPlayer_ptr makeAudioPlayer (const char *fileName)=0`

Static Public Methods

- `VideoPlayerFactory_ptr _duplicate (VideoPlayerFactory_ptr p)`
- `VideoPlayerFactory_ptr _nil ()`
- `VideoPlayerFactory_ptr _narrow (CORBA::Object_ptr)`
- `VideoPlayerFactory_ptr _unchecked_narrow (CORBA::Object_ptr)`
- `VideoPlayerFactory_ptr _narrow (CORBA::AbstractBase_ptr)`
- `VideoPlayerFactory_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)`
- `const char ** _OB_staticIds ()`

Static Protected Attributes

- `const char * ids_ []`

2.45.1 Member Typedef Documentation

2.45.1.1 `typedef VideoPlayerFactory_ptr HxCorba::VideoPlayerFactory::ptr_type`

2.45.1.2 `typedef VideoPlayerFactory_var HxCorba::VideoPlayerFactory::var_type`

2.45.2 Constructor & Destructor Documentation

2.45.2.1 `HxCorba::VideoPlayerFactory::VideoPlayerFactory ()` `[inline]`

Reimplemented in `OBProxy_HxCorba::VideoPlayerFactory` (p. ??).

2.45.2.2 `virtual HxCorba::VideoPlayerFactory::~~VideoPlayerFactory ()` `[inline, virtual]`

Reimplemented in `OBProxy_HxCorba::VideoPlayerFactory` (p. ??).

2.45.3 Member Function Documentation

2.45.3.1 `VideoPlayerFactory_ptr HxCorba::VideoPlayerFactory::_duplicate (VideoPlayerFactory_ptr p)` `[inline, static]`

2.45.3.2 `VideoPlayerFactory_ptr HxCorba::VideoPlayerFactory::_nil ()` `[inline, static]`

2.45.3.3 `HxCorba::VideoPlayerFactory_ptr HxCorba::VideoPlayerFactory::_narrow (CORBA::Object_ptr p)` `[static]`

2.45.3.4 `HxCorba::VideoPlayerFactory_ptr HxCorba::VideoPlayerFactory::_unchecked_narrow (CORBA::Object_ptr p)` `[static]`

2.45.3.5 `HxCorba::VideoPlayerFactory_ptr HxCorba::VideoPlayerFactory::_narrow (CORBA::AbstractBase_ptr p)` `[static]`

2.45.3.6 `HxCorba::VideoPlayerFactory_ptr HxCorba::VideoPlayerFactory::_unchecked_narrow (CORBA::AbstractBase_ptr p)` `[static]`

2.45.3.7 `const char ** HxCorba::VideoPlayerFactory::_OB_staticIds ()` `[static]`

2.45.3.8 `virtual VideoPlayer_ptr HxCorba::VideoPlayerFactory::makeFullPlayer (const char * _ob_a0)` `[pure virtual]`

Reimplemented in `OBProxy_HxCorba::VideoPlayerFactory` (p. ??).

2.45.3.9 `virtual VideoPlayer_ptr HxCorba::VideoPlayerFactory::makeAudioPlayer (const char * _ob_a0)` `[pure virtual]`

Reimplemented in `OBProxy_HxCorba::VideoPlayerFactory` (p. ??).

2.45.4 Member Data Documentation

2.45.4.1 `const char * HxCorba::VideoPlayerFactory::ids_` [static, protected]

Initial value:

```
{
    "IDL:HxCorba/VideoPlayerFactory:1.0",
    0
}
```

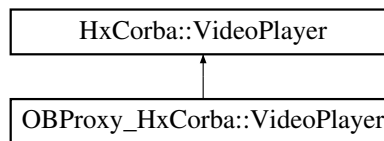
The documentation for this class was generated from the following files:

- `HxCorbaVideoPlayer.h`
- `HxCorbaVideoPlayer.c`

2.46 HxCorba::VideoPlayer Class Reference

```
#include <HxCorbaVideoPlayer.h>
```

Inheritance diagram for `HxCorba::VideoPlayer`:



Public Types

- `typedef VideoPlayer_ptr _ptr_type`
- `typedef VideoPlayer_var _var_type`

Public Methods

- `VideoPlayer ()`
- `virtual ~VideoPlayer ()`
- `virtual void play ()=0`
- `virtual void stop ()=0`
- `virtual void seek (CORBA::Long frame)=0`
- `virtual void close ()=0`

Static Public Methods

- `VideoPlayer_ptr _duplicate (VideoPlayer_ptr p)`
- `VideoPlayer_ptr _nil ()`
- `VideoPlayer_ptr _narrow (CORBA::Object_ptr)`
- `VideoPlayer_ptr _unchecked_narrow (CORBA::Object_ptr)`
- `VideoPlayer_ptr _narrow (CORBA::AbstractBase_ptr)`
- `VideoPlayer_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)`
- `const char ** _OB_staticIds ()`

Static Protected Attributes

- `const char * ids_ []`

2.46.1 Member Typedef Documentation

2.46.1.1 `typedef VideoPlayer_ptr HxCorba::VideoPlayer::_ptr_type`

2.46.1.2 `typedef VideoPlayer_var HxCorba::VideoPlayer::_var_type`

2.46.2 Constructor & Destructor Documentation

2.46.2.1 `HxCorba::VideoPlayer::VideoPlayer ()` [`inline`]

Reimplemented in `OBProxy_HxCorba::VideoPlayer (p. ??)`.

2.46.2.2 `virtual HxCorba::VideoPlayer::~~VideoPlayer ()` [`inline`, `virtual`]

Reimplemented in `OBProxy_HxCorba::VideoPlayer (p. ??)`.

2.46.3 Member Function Documentation

2.46.3.1 `VideoPlayer_ptr HxCorba::VideoPlayer::_duplicate (VideoPlayer_ptr p)` [`inline`, `static`]

2.46.3.2 `VideoPlayer_ptr HxCorba::VideoPlayer::_nil ()` [`inline`, `static`]

2.46.3.3 `HxCorba::VideoPlayer_ptr HxCorba::VideoPlayer::_narrow (CORBA::Object_ptr p)` [`static`]

2.46.3.4 `HxCorba::VideoPlayer_ptr HxCorba::VideoPlayer::_unchecked_narrow (CORBA::Object_ptr p)` [`static`]

2.46.3.5 `HxCorba::VideoPlayer_ptr HxCorba::VideoPlayer::_narrow (CORBA::AbstractBase_ptr p)` [`static`]

2.46.3.6 `HxCorba::VideoPlayer_ptr HxCorba::VideoPlayer::_unchecked_narrow (CORBA::AbstractBase_ptr p)` [`static`]

2.46.3.7 `const char ** HxCorba::VideoPlayer::_OB_staticIds ()` [`static`]

2.46.3.8 `virtual void HxCorba::VideoPlayer::play ()` [`pure virtual`]

Reimplemented in `OBProxy_HxCorba::VideoPlayer (p. ??)`.

2.46.3.9 `virtual void HxCorba::VideoPlayer::stop ()` [`pure virtual`]

Reimplemented in `OBProxy_HxCorba::VideoPlayer (p. ??)`.

2.46.3.10 virtual void HxCorba::VideoPlayer::seek (CORBA::Long *ob_id*) [pure virtual]

Reimplemented in OBProxy_HxCorba::VideoPlayer (p. ??).

2.46.3.11 virtual void HxCorba::VideoPlayer::close () [pure virtual]

Reimplemented in OBProxy_HxCorba::VideoPlayer (p. ??).

2.46.4 Member Data Documentation

2.46.4.1 const char * HxCorba::VideoPlayer::ids_ [static, protected]

Initial value:

```
{
    "IDL:HxCorba/VideoPlayer:1.0",
    0
}
```

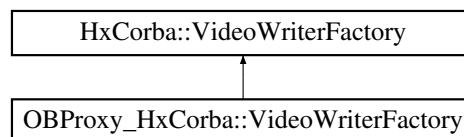
The documentation for this class was generated from the following files:

- HxCorbaVideoPlayer.h
- HxCorbaVideoPlayer.c

2.47 HxCorba::VideoWriterFactory Class Reference

```
#include <HxCorbaVideoWriter.h>
```

Inheritance diagram for HxCorba::VideoWriterFactory::



Public Types

- typedef VideoWriterFactory_ptr_ptr_type
- typedef VideoWriterFactory_var_var_type

Public Methods

- VideoWriterFactory ()
- virtual ~VideoWriterFactory ()
- virtual VideoWriter_ptr openVideo (const char *videoName, CORBA::Long w, CORBA::Long h)=0

Static Public Methods

- `VideoWriterFactory_ptr _duplicate (VideoWriterFactory_ptr p)`
- `VideoWriterFactory_ptr _nil ()`
- `VideoWriterFactory_ptr _narrow (CORBA::Object_ptr)`
- `VideoWriterFactory_ptr _unchecked_narrow (CORBA::Object_ptr)`
- `VideoWriterFactory_ptr _narrow (CORBA::AbstractBase_ptr)`
- `VideoWriterFactory_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)`
- `const char ** _OB_staticIds ()`

Static Protected Attributes

- `const char * ids_ []`

2.47.1 Member Typedef Documentation

2.47.1.1 `typedef VideoWriterFactory_ptr HxCORBA::VideoWriterFactory::_ptr_type`

2.47.1.2 `typedef VideoWriterFactory_var HxCORBA::VideoWriterFactory::_var_type`

2.47.2 Constructor & Destructor Documentation

2.47.2.1 `HxCORBA::VideoWriterFactory::VideoWriterFactory () [inline]`

Reimplemented in `OBProxy_HxCORBA::VideoWriterFactory (p. ??)`.

2.47.2.2 `virtual HxCORBA::VideoWriterFactory::~~VideoWriterFactory () [inline, virtual]`

Reimplemented in `OBProxy_HxCORBA::VideoWriterFactory (p. ??)`.

2.47.3 Member Function Documentation

- 2.47.3.1** `VideoWriterFactory_ptr HxCorba::VideoWriterFactory::duplicate (VideoWriterFactory_ptr p)` [`inline`, `static`]
- 2.47.3.2** `VideoWriterFactory_ptr HxCorba::VideoWriterFactory::nil ()` [`inline`, `static`]
- 2.47.3.3** `HxCorba::VideoWriterFactory_ptr HxCorba::VideoWriterFactory::_narrow (CORBA::Object_ptr p)` [`static`]
- 2.47.3.4** `HxCorba::VideoWriterFactory_ptr HxCorba::VideoWriterFactory::_unchecked_narrow (CORBA::Object_ptr p)` [`static`]
- 2.47.3.5** `HxCorba::VideoWriterFactory_ptr HxCorba::VideoWriterFactory::_narrow (CORBA::AbstractBase_ptr p)` [`static`]
- 2.47.3.6** `HxCorba::VideoWriterFactory_ptr HxCorba::VideoWriterFactory::_unchecked_narrow (CORBA::AbstractBase_ptr p)` [`static`]
- 2.47.3.7** `const char ** HxCorba::VideoWriterFactory::_OB_staticIds ()` [`static`]
- 2.47.3.8** `virtual VideoWriter_ptr HxCorba::VideoWriterFactory::openVideo (const char * _ob_a0, CORBA::Long _ob_a1, CORBA::Long _ob_a2)` [`pure virtual`]

Reimplemented in `OBProxy_HxCorba::VideoWriterFactory` (p. ??).

2.47.4 Member Data Documentation

- 2.47.4.1** `const char * HxCorba::VideoWriterFactory::ids_` [`static`, `protected`]

Initial value:

```
{
  "IDL:HxCorba/VideoWriterFactory:1.0",
  0
}
```

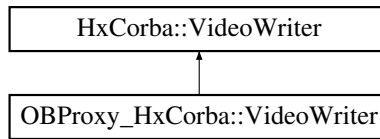
The documentation for this class was generated from the following files:

- `HxCorbaVideoWriter.h`
- `HxCorbaVideoWriter.c`

2.48 HxCorba::VideoWriter Class Reference

```
#include <HxCorbaVideoWriter.h>
```

Inheritance diagram for `HxCorba::VideoWriter::`



Public Types

- typedef VideoWriter_ptr_ptr_type
- typedef VideoWriter_var_var_type

Public Methods

- VideoWriter ()
- virtual ~VideoWriter ()
- virtual void putFrame (CORBA::Octet r, CORBA::Octet g, CORBA::Octet b)=0
- virtual void putImage (ImageRep_ptr img, const char *mode)=0
- virtual void closeVideo ()=0

Static Public Methods

- VideoWriter_ptr_duplicate (VideoWriter_ptr p)
- VideoWriter_ptr_nil ()
- VideoWriter_ptr_narrow (CORBA::Object_ptr)
- VideoWriter_ptr_unchecked_narrow (CORBA::Object_ptr)
- VideoWriter_ptr_narrow (CORBA::AbstractBase_ptr)
- VideoWriter_ptr_unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.48.1 Member Typedef Documentation

2.48.1.1 typedef VideoWriter_ptr HxCorba::VideoWriter::ptr_type

2.48.1.2 typedef VideoWriter_var HxCorba::VideoWriter::var_type

2.48.2 Constructor & Destructor Documentation

2.48.2.1 HxCorba::VideoWriter::VideoWriter () [inline]

Reimplemented in OBProxy_HxCorba::VideoWriter (p. ??).

2.48.2.2 virtual HxCorba::VideoWriter::~~VideoWriter () [inline, virtual]

Reimplemented in OBProxy_HxCorba::VideoWriter (p. ??).

2.48.3 Member Function Documentation

- 2.48.3.1** `VideoWriter_ptr HxCorba::VideoWriter::duplicate (VideoWriter_ptr p)` [inline, static]
- 2.48.3.2** `VideoWriter_ptr HxCorba::VideoWriter::nil ()` [inline, static]
- 2.48.3.3** `HxCorba::VideoWriter_ptr HxCorba::VideoWriter::narrow (CORBA::Object_ptr p)` [static]
- 2.48.3.4** `HxCorba::VideoWriter_ptr HxCorba::VideoWriter::unchecked_narrow (CORBA::Object_ptr p)` [static]
- 2.48.3.5** `HxCorba::VideoWriter_ptr HxCorba::VideoWriter::narrow (CORBA::AbstractBase_ptr p)` [static]
- 2.48.3.6** `HxCorba::VideoWriter_ptr HxCorba::VideoWriter::unchecked_narrow (CORBA::AbstractBase_ptr p)` [static]
- 2.48.3.7** `const char ** HxCorba::VideoWriter::OB_staticIds ()` [static]
- 2.48.3.8** `virtual void HxCorba::VideoWriter::putFrame (CORBA::Octet _ob_a0, CORBA::Octet _ob_a1, CORBA::Octet _ob_a2)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::VideoWriter` (p. ??).

- 2.48.3.9** `virtual void HxCorba::VideoWriter::putImage (ImageRep_ptr img, const char * mode)` [pure virtual]
- 2.48.3.10** `virtual void HxCorba::VideoWriter::closeVideo ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::VideoWriter` (p. ??).

2.48.4 Member Data Documentation

- 2.48.4.1** `const char * HxCorba::VideoWriter::ids_` [static, protected]

Initial value:

```
{
    "IDL:HxCorba/VideoWriter:1.0",
    0
}
```

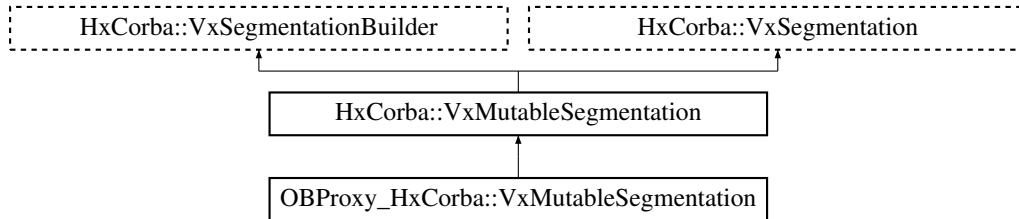
The documentation for this class was generated from the following files:

- `HxCorbaVideoWriter.h`
- `HxCorbaVideoWriter.c`

2.49 HxCorba::VxMutableSegmentation Class Reference

```
#include <HxCorbaDatabaseSessions.h>
```

Inheritance diagram for HxCorba::VxMutableSegmentation::



Public Types

- typedef VxMutableSegmentation_ptr_ptr_type
- typedef VxMutableSegmentation_var_var_type

Public Methods

- VxMutableSegmentation ()
- virtual ~VxMutableSegmentation ()
- virtual void removeSegment (CORBA::Long index)=0

Static Public Methods

- VxMutableSegmentation_ptr_duplicate (VxMutableSegmentation_ptr p)
- VxMutableSegmentation_ptr_nil ()
- VxMutableSegmentation_ptr_narrow (CORBA::Object_ptr)
- VxMutableSegmentation_ptr_unchecked_narrow (CORBA::Object_ptr)
- VxMutableSegmentation_ptr_narrow (CORBA::AbstractBase_ptr)
- VxMutableSegmentation_ptr_unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.49.1 Member Typedef Documentation

2.49.1.1 typedef VxMutableSegmentation_ptr HxCorba::VxMutableSegmentation::ptr_type

Reimplemented from HxCorba::VxSegmentationBuilder (p. 192).

2.49.1.2 typedef VxMutableSegmentation_var HxCorba::VxMutableSegmentation::var_type

Reimplemented from HxCorba::VxSegmentationBuilder (p. 192).

2.49.2 Constructor & Destructor Documentation

2.49.2.1 `HxCorba::VxMutableSegmentation::VxMutableSegmentation ()` [*inline*]

Reimplemented in `OBProxy_HxCorba::VxMutableSegmentation` (p. ??).

2.49.2.2 `virtual HxCorba::VxMutableSegmentation::~~VxMutableSegmentation ()` [*inline, virtual*]

Reimplemented in `OBProxy_HxCorba::VxMutableSegmentation` (p. ??).

2.49.3 Member Function Documentation

2.49.3.1 `VxMutableSegmentation_ptr HxCorba::VxMutableSegmentation::duplicate (VxMutableSegmentation_ptr p)` [*inline, static*]

2.49.3.2 `VxMutableSegmentation_ptr HxCorba::VxMutableSegmentation::nil ()` [*inline, static*]

Reimplemented from `HxCorba::VxSegmentationBuilder` (p. 193).

2.49.3.3 `HxCorba::VxMutableSegmentation_ptr HxCorba::VxMutableSegmentation::narrow (CORBA::Object_ptr p)` [*static*]

Reimplemented from `HxCorba::VxSegmentationBuilder` (p. 193).

2.49.3.4 `HxCorba::VxMutableSegmentation_ptr HxCorba::VxMutableSegmentation::unchecked_narrow (CORBA::Object_ptr p)` [*static*]

Reimplemented from `HxCorba::VxSegmentationBuilder` (p. 193).

2.49.3.5 `HxCorba::VxMutableSegmentation_ptr HxCorba::VxMutableSegmentation::narrow (CORBA::AbstractBase_ptr p)` [*static*]

Reimplemented from `HxCorba::VxSegmentationBuilder` (p. 193).

2.49.3.6 `HxCorba::VxMutableSegmentation_ptr HxCorba::VxMutableSegmentation::unchecked_narrow (CORBA::AbstractBase_ptr p)` [*static*]

Reimplemented from `HxCorba::VxSegmentationBuilder` (p. 193).

2.49.3.7 `const char ** HxCorba::VxMutableSegmentation::OB_staticIds ()` [*static*]

Reimplemented from `HxCorba::VxSegmentationBuilder` (p. 193).

2.49.3.8 virtual void HxCorba::VxMutableSegmentation::removeSegment (CORBA::Long *ob_id*) [pure virtual]

Reimplemented in OBProxy_HxCorba::VxMutableSegmentation (p. ??).

2.49.4 Member Data Documentation

2.49.4.1 const char * HxCorba::VxMutableSegmentation::ids_ [static, protected]

Initial value:

```
{
    "IDL:HxCorba/VxMutableSegmentation:1.0",
    "IDL:HxCorba/VxSegmentationBuilder:1.0",
    "IDL:HxCorba/VxSegmentation:1.0",
    0
}
```

Reimplemented from HxCorba::VxSegmentationBuilder (p. 194).

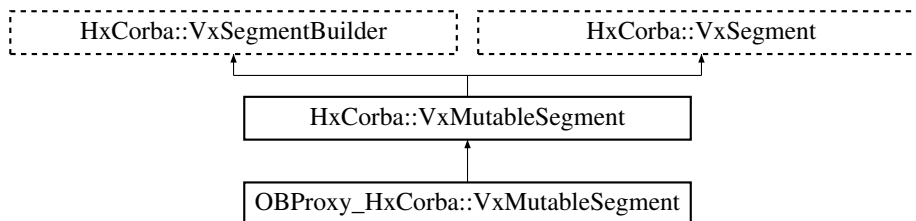
The documentation for this class was generated from the following files:

- HxCorbaDatabaseSessions.h
- HxCorbaDatabaseSessions.c

2.50 HxCorba::VxMutableSegment Class Reference

```
#include <HxCorbaDatabaseSessions.h>
```

Inheritance diagram for HxCorba::VxMutableSegment::



Public Types

- typedef VxMutableSegment_ptr_ptr_type
- typedef VxMutableSegment_var_var_type

Public Methods

- VxMutableSegment ()
- virtual ~VxMutableSegment ()
- virtual void setStart (CORBA::Long start)=0

- virtual void setEnd (CORBA::Long end)=0
- virtual void removeInt (const char *id)=0
- virtual void removeDouble (const char *id)=0
- virtual void removeString (const char *id)=0
- virtual void changeInt (const char *id, CORBA::Long newValue)=0
- virtual void changeDouble (const char *id, CORBA::Double newValue)=0
- virtual void changeString (const char *id, const char *newValue)=0

Static Public Methods

- VxMutableSegment_ptr _duplicate (VxMutableSegment_ptr p)
- VxMutableSegment_ptr _nil ()
- VxMutableSegment_ptr _narrow (CORBA::Object_ptr)
- VxMutableSegment_ptr _unchecked_narrow (CORBA::Object_ptr)
- VxMutableSegment_ptr _narrow (CORBA::AbstractBase_ptr)
- VxMutableSegment_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.50.1 Member Typedef Documentation

2.50.1.1 typedef VxMutableSegment_ptr HxCorba::VxMutableSegment::ptr_type

Reimplemented from HxCorba::VxSegmentBuilder (p. 201).

2.50.1.2 typedef VxMutableSegment_var HxCorba::VxMutableSegment::var_type

Reimplemented from HxCorba::VxSegmentBuilder (p. 201).

2.50.2 Constructor & Destructor Documentation

2.50.2.1 HxCorba::VxMutableSegment::VxMutableSegment () [inline]

Reimplemented in OBProxy_HxCorba::VxMutableSegment (p. ??).

2.50.2.2 virtual HxCorba::VxMutableSegment::~~VxMutableSegment () [inline, virtual]

Reimplemented in OBProxy_HxCorba::VxMutableSegment (p. ??).

2.50.3 Member Function Documentation

2.50.3.1 `VxMutableSegment_ptr HxCorba::VxMutableSegment::_duplicate (VxMutableSegment_ptr p)` [`inline, static`]

2.50.3.2 `VxMutableSegment_ptr HxCorba::VxMutableSegment::_nil ()` [`inline, static`]

Reimplemented from `HxCorba::VxSegmentBuilder` (p. 201).

2.50.3.3 `HxCorba::VxMutableSegment_ptr HxCorba::VxMutableSegment::_narrow (CORBA::Object_ptr p)` [`static`]

Reimplemented from `HxCorba::VxSegmentBuilder` (p. 201).

2.50.3.4 `HxCorba::VxMutableSegment_ptr HxCorba::VxMutableSegment::_unchecked_narrow (CORBA::Object_ptr p)` [`static`]

Reimplemented from `HxCorba::VxSegmentBuilder` (p. 202).

2.50.3.5 `HxCorba::VxMutableSegment_ptr HxCorba::VxMutableSegment::_narrow (CORBA::AbstractBase_ptr p)` [`static`]

Reimplemented from `HxCorba::VxSegmentBuilder` (p. 202).

2.50.3.6 `HxCorba::VxMutableSegment_ptr HxCorba::VxMutableSegment::_unchecked_narrow (CORBA::AbstractBase_ptr p)` [`static`]

Reimplemented from `HxCorba::VxSegmentBuilder` (p. 202).

2.50.3.7 `const char ** HxCorba::VxMutableSegment::_OB_staticIds ()` [`static`]

Reimplemented from `HxCorba::VxSegmentBuilder` (p. 202).

2.50.3.8 `virtual void HxCorba::VxMutableSegment::setStart (CORBA::Long ob_a0)` [`pure virtual`]

Reimplemented in `OBProxy_HxCorba::VxMutableSegment` (p. ??).

2.50.3.9 `virtual void HxCorba::VxMutableSegment::setEnd (CORBA::Long ob_a0)` [`pure virtual`]

Reimplemented in `OBProxy_HxCorba::VxMutableSegment` (p. ??).

2.50.3.10 `virtual void HxCorba::VxMutableSegment::removeInt (const char * ob_a0)` [`pure virtual`]

Reimplemented in `OBProxy_HxCorba::VxMutableSegment` (p. ??).

2.50.3.11 virtual void HxCorba::VxMutableSegment::removeDouble (const char * *_ob_a0*)
[pure virtual]

Reimplemented in OBProxy_HxCorba::VxMutableSegment (p. ??).

2.50.3.12 virtual void HxCorba::VxMutableSegment::removeString (const char * *_ob_a0*) [pure virtual]

Reimplemented in OBProxy_HxCorba::VxMutableSegment (p. ??).

2.50.3.13 virtual void HxCorba::VxMutableSegment::changeInt (const char * *_ob_a0*, CORBA::Long *_ob_a1*) [pure virtual]

Reimplemented in OBProxy_HxCorba::VxMutableSegment (p. ??).

2.50.3.14 virtual void HxCorba::VxMutableSegment::changeDouble (const char * *_ob_a0*, CORBA::Double *_ob_a1*) [pure virtual]

Reimplemented in OBProxy_HxCorba::VxMutableSegment (p. ??).

2.50.3.15 virtual void HxCorba::VxMutableSegment::changeString (const char * *_ob_a0*, const char * *_ob_a1*) [pure virtual]

Reimplemented in OBProxy_HxCorba::VxMutableSegment (p. ??).

2.50.4 Member Data Documentation

2.50.4.1 const char * HxCorba::VxMutableSegment::ids_ [static, protected]

Initial value:

```
{
    "IDL:HxCorba/VxMutableSegment:1.0",
    "IDL:HxCorba/VxSegmentBuilder:1.0",
    "IDL:HxCorba/VxSegment:1.0",
    0
}
```

Reimplemented from HxCorba::VxSegmentBuilder (p. 202).

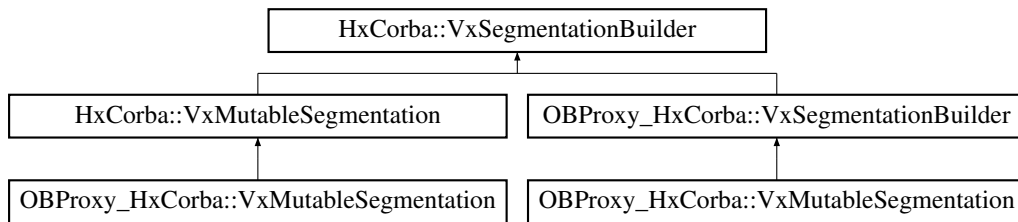
The documentation for this class was generated from the following files:

- HxCorbaDatabaseSessions.h
- HxCorbaDatabaseSessions.c

2.51 HxCorba::VxSegmentationBuilder Class Reference

```
#include <HxCorbaDatabaseSessions.h>
```

Inheritance diagram for HxCORBA::VxSegmentationBuilder::



Public Types

- typedef VxSegmentationBuilder_ptr_ptr_type
- typedef VxSegmentationBuilder_var_var_type

Public Methods

- VxSegmentationBuilder ()
- virtual ~VxSegmentationBuilder ()
- virtual void setDescription (const char *description)=0
- virtual VxSegmentBuilder_ptr buildSegment (CORBA::Long start, CORBA::Long end)=0

Static Public Methods

- VxSegmentationBuilder_ptr_duplicate (VxSegmentationBuilder_ptr p)
- VxSegmentationBuilder_ptr_nil ()
- VxSegmentationBuilder_ptr_narrow (CORBA::Object_ptr)
- VxSegmentationBuilder_ptr_unchecked_narrow (CORBA::Object_ptr)
- VxSegmentationBuilder_ptr_narrow (CORBA::AbstractBase_ptr)
- VxSegmentationBuilder_ptr_unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.51.1 Member Typedef Documentation

2.51.1.1 typedef VxSegmentationBuilder_ptr HxCORBA::VxSegmentationBuilder::ptr_type

Reimplemented in HxCORBA::VxMutableSegmentation (p. 186).

2.51.1.2 typedef VxSegmentationBuilder_var HxCORBA::VxSegmentationBuilder::var_type

Reimplemented in HxCORBA::VxMutableSegmentation (p. 186).

2.51.2 Constructor & Destructor Documentation

2.51.2.1 `HxCorba::VxSegmentationBuilder::VxSegmentationBuilder ()` `[inline]`

Reimplemented in `OBProxy_HxCorba::VxSegmentationBuilder` (p. ??).

2.51.2.2 `virtual HxCorba::VxSegmentationBuilder::~~VxSegmentationBuilder ()` `[inline, virtual]`

Reimplemented in `OBProxy_HxCorba::VxSegmentationBuilder` (p. ??).

2.51.3 Member Function Documentation

2.51.3.1 `VxSegmentationBuilder_ptr HxCorba::VxSegmentationBuilder::duplicate (VxSegmentationBuilder_ptr p)` `[inline, static]`

2.51.3.2 `VxSegmentationBuilder_ptr HxCorba::VxSegmentationBuilder::nil ()` `[inline, static]`

Reimplemented in `HxCorba::VxMutableSegmentation` (p. 187).

2.51.3.3 `HxCorba::VxSegmentationBuilder_ptr HxCorba::VxSegmentationBuilder::narrow (CORBA::Object_ptr p)` `[static]`

Reimplemented in `HxCorba::VxMutableSegmentation` (p. 187).

2.51.3.4 `HxCorba::VxSegmentationBuilder_ptr HxCorba::VxSegmentationBuilder::unchecked_narrow (CORBA::Object_ptr p)` `[static]`

Reimplemented in `HxCorba::VxMutableSegmentation` (p. 187).

2.51.3.5 `HxCorba::VxSegmentationBuilder_ptr HxCorba::VxSegmentationBuilder::narrow (CORBA::AbstractBase_ptr p)` `[static]`

Reimplemented in `HxCorba::VxMutableSegmentation` (p. 187).

2.51.3.6 `HxCorba::VxSegmentationBuilder_ptr HxCorba::VxSegmentationBuilder::unchecked_narrow (CORBA::AbstractBase_ptr p)` `[static]`

Reimplemented in `HxCorba::VxMutableSegmentation` (p. 187).

2.51.3.7 `const char ** HxCorba::VxSegmentationBuilder::_OB_staticIds ()` `[static]`

Reimplemented in `HxCorba::VxMutableSegmentation` (p. 187).

2.51.3.8 virtual void HxCorba::VxSegmentationBuilder::setDescription (const char * *_ob_a0*)
[pure virtual]

Reimplemented in OBProxy_HxCorba::VxSegmentationBuilder (p. ??).

2.51.3.9 virtual VxSegmentBuilder_ptr HxCorba::VxSegmentationBuilder::buildSegment
(CORBA::Long *_ob_a0*, CORBA::Long *_ob_a1*) [pure virtual]

Reimplemented in OBProxy_HxCorba::VxSegmentationBuilder (p. ??).

2.51.4 Member Data Documentation

2.51.4.1 const char * HxCorba::VxSegmentationBuilder::ids_ [static, protected]

Initial value:

```
{
    "IDL:HxCorba/VxSegmentationBuilder:1.0",
    0
}
```

Reimplemented in HxCorba::VxMutableSegmentation (p. 188).

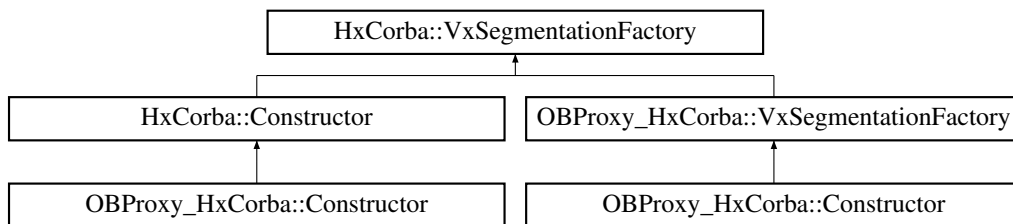
The documentation for this class was generated from the following files:

- HxCorbaDatabaseSessions.h
- HxCorbaDatabaseSessions.c

2.52 HxCorba::VxSegmentationFactory Class Reference

```
#include <HxCorbaVxSegmentation.h>
```

Inheritance diagram for HxCorba::VxSegmentationFactory::



Public Types

- typedef VxSegmentationFactory_ptr_ptr_type
- typedef VxSegmentationFactory_var_var_type

Public Methods

- `VxSegmentationFactory ()`
- `virtual ~VxSegmentationFactory ()`
- `virtual VxSegmentation_ptr makeVxSegmentation (const char *filename)=0`
- `virtual VxSegmentation_ptr importSegmentation (VxSegmentation_ptr seg)=0`

Static Public Methods

- `VxSegmentationFactory_ptr _duplicate (VxSegmentationFactory_ptr p)`
- `VxSegmentationFactory_ptr _nil ()`
- `VxSegmentationFactory_ptr _narrow (CORBA::Object_ptr)`
- `VxSegmentationFactory_ptr _unchecked_narrow (CORBA::Object_ptr)`
- `VxSegmentationFactory_ptr _narrow (CORBA::AbstractBase_ptr)`
- `VxSegmentationFactory_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)`
- `const char ** _OB_staticIds ()`

Static Protected Attributes

- `const char * ids_ []`

2.52.1 Member Typedef Documentation

2.52.1.1 `typedef VxSegmentationFactory_ptr HxCorba::VxSegmentationFactory::ptr_type`

Reimplemented in `HxCorba::Constructor` (p. 42).

2.52.1.2 `typedef VxSegmentationFactory_var HxCorba::VxSegmentationFactory::var_type`

Reimplemented in `HxCorba::Constructor` (p. 42).

2.52.2 Constructor & Destructor Documentation

2.52.2.1 `HxCorba::VxSegmentationFactory::VxSegmentationFactory () [inline]`

Reimplemented in `OBProxy_HxCorba::VxSegmentationFactory` (p. ??).

2.52.2.2 `virtual HxCorba::VxSegmentationFactory::~~VxSegmentationFactory () [inline, virtual]`

Reimplemented in `OBProxy_HxCorba::VxSegmentationFactory` (p. ??).

2.52.3 Member Function Documentation

2.52.3.1 `VxSegmentationFactory_ptr HxCorba::VxSegmentationFactory::_duplicate (VxSegmentationFactory_ptr p)` [`inline, static`]

2.52.3.2 `VxSegmentationFactory_ptr HxCorba::VxSegmentationFactory::_nil ()` [`inline, static`]

Reimplemented in `HxCorba::Constructor` (p. 42).

2.52.3.3 `HxCorba::VxSegmentationFactory_ptr HxCorba::VxSegmentationFactory::_narrow (CORBA::Object_ptr p)` [`static`]

Reimplemented in `HxCorba::Constructor` (p. 42).

2.52.3.4 `HxCorba::VxSegmentationFactory_ptr HxCorba::VxSegmentationFactory::_unchecked_narrow (CORBA::Object_ptr p)` [`static`]

Reimplemented in `HxCorba::Constructor` (p. 43).

2.52.3.5 `HxCorba::VxSegmentationFactory_ptr HxCorba::VxSegmentationFactory::_narrow (CORBA::AbstractBase_ptr p)` [`static`]

Reimplemented in `HxCorba::Constructor` (p. 43).

2.52.3.6 `HxCorba::VxSegmentationFactory_ptr HxCorba::VxSegmentationFactory::_unchecked_narrow (CORBA::AbstractBase_ptr p)` [`static`]

Reimplemented in `HxCorba::Constructor` (p. 43).

2.52.3.7 `const char ** HxCorba::VxSegmentationFactory::_OB_staticIds ()` [`static`]

Reimplemented in `HxCorba::Constructor` (p. 43).

2.52.3.8 `virtual VxSegmentation_ptr HxCorba::VxSegmentationFactory::makeVxSegmentation (const char * _ob_id)` [`pure virtual`]

Reimplemented in `OBProxy_HxCorba::VxSegmentationFactory` (p. ??).

2.52.3.9 `virtual VxSegmentation_ptr HxCorba::VxSegmentationFactory::importSegmentation (VxSegmentation_ptr seg)` [`pure virtual`]

2.52.4 Member Data Documentation

2.52.4.1 `const char * HxCorba::VxSegmentationFactory::ids_` [`static, protected`]

Initial value:


```
{
    "IDL:HxCorba/VxSegmentationFactory:1.0",
    0
}
```

Reimplemented in `HxCorba::Constructor` (p. 43).

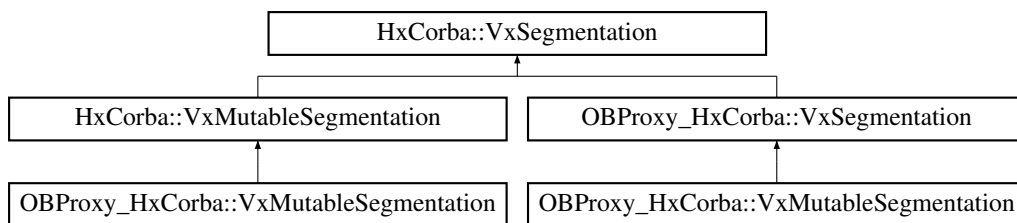
The documentation for this class was generated from the following files:

- `HxCorbaVxSegmentation.h`
- `HxCorbaVxSegmentation.c`

2.53 HxCorba::VxSegmentation Class Reference

```
#include <HxCorbaVxSegmentation.h>
```

Inheritance diagram for `HxCorba::VxSegmentation`:



Public Types

- `typedef VxSegmentation_ptr_ptr_type`
- `typedef VxSegmentation_var_var_type`

Public Methods

- `VxSegmentation ()`
- `virtual ~VxSegmentation ()`
- `virtual CORBA::Long size ()=0`
- `virtual VxSegmentSeq * getAll ()=0`
- `virtual VxTimeSpanSeq * getTimeSpans ()=0`
- `virtual StringSeq * getIds ()=0`
- `virtual StringSeq * getTypes ()=0`
- `virtual VxSegment_ptr getSegment (CORBA::Long index)=0`
- `virtual VxSegment_ptr mapsToSegment (CORBA::Long timeSpan)=0`

Static Public Methods

- `VxSegmentation_ptr_duplicate (VxSegmentation_ptr p)`
- `VxSegmentation_ptr_nil ()`
- `VxSegmentation_ptr_narrow (CORBA::Object_ptr)`
- `VxSegmentation_ptr_unchecked_narrow (CORBA::Object_ptr)`

- `VxSegmentation_ptr _narrow (CORBA::AbstractBase_ptr)`
- `VxSegmentation_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)`
- `const char ** _OB_staticIds ()`

Static Protected Attributes

- `const char * ids_ []`

2.53.1 Member Typedef Documentation

2.53.1.1 `typedef VxSegmentation_ptr HxCorba::VxSegmentation::_ptr_type`

Reimplemented in `HxCorba::VxMutableSegmentation` (p. 186).

2.53.1.2 `typedef VxSegmentation_var HxCorba::VxSegmentation::_var_type`

Reimplemented in `HxCorba::VxMutableSegmentation` (p. 186).

2.53.2 Constructor & Destructor Documentation

2.53.2.1 `HxCorba::VxSegmentation::VxSegmentation () [inline]`

Reimplemented in `OBProxy_HxCorba::VxSegmentation` (p. ??).

2.53.2.2 `virtual HxCorba::VxSegmentation::~~VxSegmentation () [inline, virtual]`

Reimplemented in `OBProxy_HxCorba::VxSegmentation` (p. ??).

2.53.3 Member Function Documentation

2.53.3.1 `VxSegmentation_ptr HxCorba::VxSegmentation::duplicate (VxSegmentation_ptr p) [inline, static]`

2.53.3.2 `VxSegmentation_ptr HxCorba::VxSegmentation::nil () [inline, static]`

Reimplemented in `HxCorba::VxMutableSegmentation` (p. 187).

2.53.3.3 `HxCorba::VxSegmentation_ptr HxCorba::VxSegmentation::narrow (CORBA::Object_ptr p) [static]`

Reimplemented in `HxCorba::VxMutableSegmentation` (p. 187).

2.53.3.4 `HxCorba::VxSegmentation_ptr HxCorba::VxSegmentation::unchecked_narrow (CORBA::Object_ptr p) [static]`

Reimplemented in `HxCorba::VxMutableSegmentation` (p. 187).

2.53.3.5 `HxCorba::VxSegmentation_ptr HxCorba::VxSegmentation::narrow (CORBA::AbstractBase_ptr p) [static]`

Reimplemented in `HxCorba::VxMutableSegmentation` (p. 187).

2.53.3.6 `HxCorba::VxSegmentation_ptr HxCorba::VxSegmentation::unchecked_narrow (CORBA::AbstractBase_ptr p) [static]`

Reimplemented in `HxCorba::VxMutableSegmentation` (p. 187).

2.53.3.7 `const char ** HxCorba::VxSegmentation::OB_staticIds () [static]`

Reimplemented in `HxCorba::VxMutableSegmentation` (p. 187).

2.53.3.8 `virtual CORBA::Long HxCorba::VxSegmentation::size () [pure virtual]`

Reimplemented in `OBProxy_HxCorba::VxSegmentation` (p. ??).

2.53.3.9 `virtual VxSegmentSeq* HxCorba::VxSegmentation::getAll () [pure virtual]`

Reimplemented in `OBProxy_HxCorba::VxSegmentation` (p. ??).

2.53.3.10 `virtual VxTimeSpanSeq* HxCorba::VxSegmentation::getTimeSpans () [pure virtual]`

Reimplemented in `OBProxy_HxCorba::VxSegmentation` (p. ??).

2.53.3.11 `virtual StringSeq* HxCorba::VxSegmentation::getIds () [pure virtual]`

Reimplemented in `OBProxy_HxCorba::VxSegmentation` (p. ??).

2.53.3.12 `virtual StringSeq* HxCorba::VxSegmentation::getTypes () [pure virtual]`

Reimplemented in `OBProxy_HxCorba::VxSegmentation` (p. ??).

2.53.3.13 `virtual VxSegment_ptr HxCorba::VxSegmentation::getSegment (CORBA::Long ob_id) [pure virtual]`

Reimplemented in `OBProxy_HxCorba::VxSegmentation` (p. ??).

2.53.3.14 `virtual VxSegment_ptr HxCorba::VxSegmentation::mapsToSegment (CORBA::Long ob_id) [pure virtual]`

Reimplemented in `OBProxy_HxCorba::VxSegmentation` (p. ??).

2.53.4 Member Data Documentation

2.53.4.1 `const char * HxCorba::VxSegmentation::ids_` [static, protected]

Initial value:

```
{
    "IDL:HxCorba/VxSegmentation:1.0",
    0
}
```

Reimplemented in `HxCorba::VxMutableSegmentation` (p. 188).

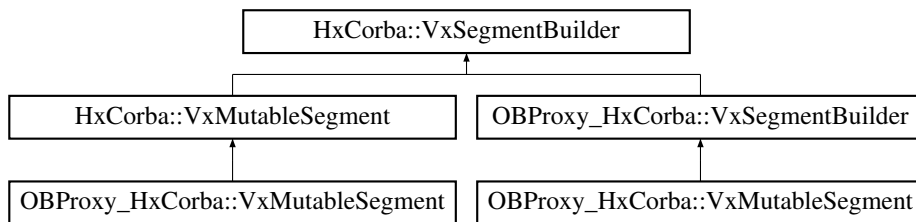
The documentation for this class was generated from the following files:

- `HxCorbaVxSegmentation.h`
- `HxCorbaVxSegmentation.c`

2.54 HxCorba::VxSegmentBuilder Class Reference

```
#include <HxCorbaDatabaseSessions.h>
```

Inheritance diagram for `HxCorba::VxSegmentBuilder`:



Public Types

- `typedef VxSegmentBuilder_ptr_ptr_type`
- `typedef VxSegmentBuilder_var_var_type`

Public Methods

- `VxSegmentBuilder ()`
- `virtual ~VxSegmentBuilder ()`
- `virtual void addInt (const char *id, CORBA::Long value)=0`
- `virtual void addDouble (const char *id, CORBA::Double value)=0`
- `virtual void addString (const char *id, const char *value)=0`

Static Public Methods

- `VxSegmentBuilder_ptr_duplicate (VxSegmentBuilder_ptr p)`
- `VxSegmentBuilder_ptr_nil ()`

- `VxSegmentBuilder_ptr _narrow (CORBA::Object_ptr)`
- `VxSegmentBuilder_ptr _unchecked_narrow (CORBA::Object_ptr)`
- `VxSegmentBuilder_ptr _narrow (CORBA::AbstractBase_ptr)`
- `VxSegmentBuilder_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)`
- `const char ** _OB_staticIds ()`

Static Protected Attributes

- `const char * ids_ []`

2.54.1 Member Typedef Documentation

2.54.1.1 `typedef VxSegmentBuilder_ptr HxCorba::VxSegmentBuilder::_ptr_type`

Reimplemented in `HxCorba::VxMutableSegment` (p. 189).

2.54.1.2 `typedef VxSegmentBuilder_var HxCorba::VxSegmentBuilder::_var_type`

Reimplemented in `HxCorba::VxMutableSegment` (p. 189).

2.54.2 Constructor & Destructor Documentation

2.54.2.1 `HxCorba::VxSegmentBuilder::VxSegmentBuilder () [inline]`

Reimplemented in `OBProxy_HxCorba::VxSegmentBuilder` (p. ??).

2.54.2.2 `virtual HxCorba::VxSegmentBuilder::~~VxSegmentBuilder () [inline, virtual]`

Reimplemented in `OBProxy_HxCorba::VxSegmentBuilder` (p. ??).

2.54.3 Member Function Documentation

2.54.3.1 `VxSegmentBuilder_ptr HxCorba::VxSegmentBuilder::_duplicate (VxSegmentBuilder_ptr p) [inline, static]`

2.54.3.2 `VxSegmentBuilder_ptr HxCorba::VxSegmentBuilder::_nil () [inline, static]`

Reimplemented in `HxCorba::VxMutableSegment` (p. 190).

2.54.3.3 `HxCorba::VxSegmentBuilder_ptr HxCorba::VxSegmentBuilder::_narrow (CORBA::Object_ptr p) [static]`

Reimplemented in `HxCorba::VxMutableSegment` (p. 190).

2.54.3.4 HxCorba::VxSegmentBuilder_ptr HxCorba::VxSegmentBuilder::unchecked_narrow (CORBA::Object_ptr p) [static]

Reimplemented in HxCorba::VxMutableSegment (p. 190).

2.54.3.5 HxCorba::VxSegmentBuilder_ptr HxCorba::VxSegmentBuilder::narrow (CORBA::AbstractBase_ptr p) [static]

Reimplemented in HxCorba::VxMutableSegment (p. 190).

2.54.3.6 HxCorba::VxSegmentBuilder_ptr HxCorba::VxSegmentBuilder::unchecked_narrow (CORBA::AbstractBase_ptr p) [static]

Reimplemented in HxCorba::VxMutableSegment (p. 190).

2.54.3.7 const char ** HxCorba::VxSegmentBuilder::_OB_staticIds () [static]

Reimplemented in HxCorba::VxMutableSegment (p. 190).

2.54.3.8 virtual void HxCorba::VxSegmentBuilder::addInt (const char * ob_a0, CORBA::Long ob_a1) [pure virtual]

Reimplemented in OBProxy_HxCorba::VxSegmentBuilder (p. ??).

2.54.3.9 virtual void HxCorba::VxSegmentBuilder::addDouble (const char * ob_a0, CORBA::Double ob_a1) [pure virtual]

Reimplemented in OBProxy_HxCorba::VxSegmentBuilder (p. ??).

2.54.3.10 virtual void HxCorba::VxSegmentBuilder::addString (const char * ob_a0, const char * ob_a1) [pure virtual]

Reimplemented in OBProxy_HxCorba::VxSegmentBuilder (p. ??).

2.54.4 Member Data Documentation

2.54.4.1 const char * HxCorba::VxSegmentBuilder::ids_ [static, protected]

Initial value:

```
{
    "IDL:HxCorba/VxSegmentBuilder:1.0",
    0
}
```

Reimplemented in HxCorba::VxMutableSegment (p. 191).

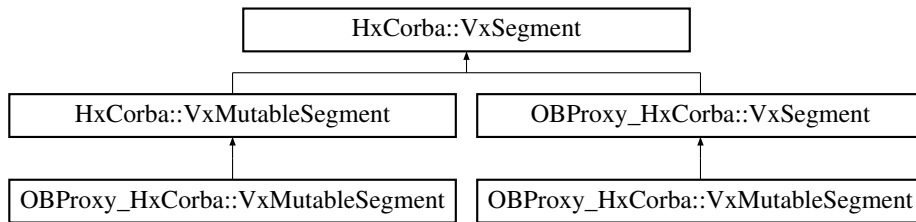
The documentation for this class was generated from the following files:

- HxCorbaDatabaseSessions.h
- HxCorbaDatabaseSessions.c

2.55 HxCorba::VxSegment Class Reference

```
#include <HxCorbaVxSegmentation.h>
```

Inheritance diagram for HxCorba::VxSegment::



Public Types

- typedef VxSegment_ptr_ptr_type
- typedef VxSegment_var_var_type

Public Methods

- VxSegment ()
- virtual ~VxSegment ()
- virtual CORBA::Long start ()=0
- virtual CORBA::Long end ()=0
- virtual CORBA::Long length ()=0
- virtual StringSeq * getIds ()=0
- virtual StringSeq * getTypes ()=0
- virtual CORBA::Long getInt (const char *id)=0
- virtual CORBA::Double getDouble (const char *id)=0
- virtual char * getString (const char *id)=0
- virtual CORBA::Long getIntFlag (const char *id, CORBA::Boolean_out present)=0
- virtual CORBA::Double getDoubleFlag (const char *id, CORBA::Boolean_out present)=0
- virtual char * getStringFlag (const char *id, CORBA::Boolean_out present)=0

Static Public Methods

- VxSegment_ptr_duplicate (VxSegment_ptr p)
- VxSegment_ptr_nil ()
- VxSegment_ptr_narrow (CORBA::Object_ptr)
- VxSegment_ptr_unchecked_narrow (CORBA::Object_ptr)
- VxSegment_ptr_narrow (CORBA::AbstractBase_ptr)
- VxSegment_ptr_unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- `const char * ids_ []`

2.55.1 Member Typedef Documentation

2.55.1.1 `typedef VxSegment_ptr HxCorba::VxSegment::_ptr_type`

Reimplemented in `HxCorba::VxMutableSegment` (p. 189).

2.55.1.2 `typedef VxSegment_var HxCorba::VxSegment::_var_type`

Reimplemented in `HxCorba::VxMutableSegment` (p. 189).

2.55.2 Constructor & Destructor Documentation

2.55.2.1 `HxCorba::VxSegment::VxSegment () [inline]`

Reimplemented in `OBProxy_HxCorba::VxSegment` (p. ??).

2.55.2.2 `virtual HxCorba::VxSegment::~~VxSegment () [inline, virtual]`

Reimplemented in `OBProxy_HxCorba::VxSegment` (p. ??).

2.55.3 Member Function Documentation

2.55.3.1 `VxSegment_ptr HxCorba::VxSegment::_duplicate (VxSegment_ptr p) [inline, static]`

2.55.3.2 `VxSegment_ptr HxCorba::VxSegment::_nil () [inline, static]`

Reimplemented in `HxCorba::VxMutableSegment` (p. 190).

2.55.3.3 `HxCorba::VxSegment_ptr HxCorba::VxSegment::_narrow (CORBA::Object_ptr p) [static]`

Reimplemented in `HxCorba::VxMutableSegment` (p. 190).

2.55.3.4 `HxCorba::VxSegment_ptr HxCorba::VxSegment::_unchecked_narrow (CORBA::Object_ptr p) [static]`

Reimplemented in `HxCorba::VxMutableSegment` (p. 190).

2.55.3.5 `HxCorba::VxSegment_ptr HxCorba::VxSegment::_narrow (CORBA::AbstractBase_ptr p) [static]`

Reimplemented in `HxCorba::VxMutableSegment` (p. 190).

2.55.3.6 `HxCorba::VxSegment_ptr HxCorba::VxSegment::unchecked_narrow (CORBA::AbstractBase_ptr p)` [static]

Reimplemented in `HxCorba::VxMutableSegment` (p. 190).

2.55.3.7 `const char ** HxCorba::VxSegment::_OB_staticIds ()` [static]

Reimplemented in `HxCorba::VxMutableSegment` (p. 190).

2.55.3.8 `virtual CORBA::Long HxCorba::VxSegment::start ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::VxSegment` (p. ??).

2.55.3.9 `virtual CORBA::Long HxCorba::VxSegment::end ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::VxSegment` (p. ??).

2.55.3.10 `virtual CORBA::Long HxCorba::VxSegment::length ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::VxSegment` (p. ??).

2.55.3.11 `virtual StringSeq* HxCorba::VxSegment::getIds ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::VxSegment` (p. ??).

2.55.3.12 `virtual StringSeq* HxCorba::VxSegment::getTypes ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::VxSegment` (p. ??).

2.55.3.13 `virtual CORBA::Long HxCorba::VxSegment::getInt (const char * ob_a0)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::VxSegment` (p. ??).

2.55.3.14 `virtual CORBA::Double HxCorba::VxSegment::getDouble (const char * ob_a0)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::VxSegment` (p. ??).

2.55.3.15 `virtual char* HxCorba::VxSegment::getString (const char * ob_a0)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::VxSegment` (p. ??).

2.55.3.16 virtual CORBA::Long HxCorba::VxSegment::getIntFlag (const char * *_ob_a0*, CORBA::Boolean_out *_ob_a1*) [pure virtual]

Reimplemented in OBProxy_HxCorba::VxSegment (p. ??).

2.55.3.17 virtual CORBA::Double HxCorba::VxSegment::getDoubleFlag (const char * *_ob_a0*, CORBA::Boolean_out *_ob_a1*) [pure virtual]

Reimplemented in OBProxy_HxCorba::VxSegment (p. ??).

2.55.3.18 virtual char* HxCorba::VxSegment::getStringFlag (const char * *_ob_a0*, CORBA::Boolean_out *_ob_a1*) [pure virtual]

Reimplemented in OBProxy_HxCorba::VxSegment (p. ??).

2.55.4 Member Data Documentation

2.55.4.1 const char * HxCorba::VxSegment::ids_ [static, protected]

Initial value:

```
{
  "IDL:HxCorba/VxSegment:1.0",
  0
}
```

Reimplemented in HxCorba::VxMutableSegment (p. 191).

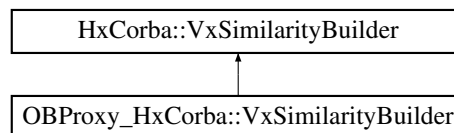
The documentation for this class was generated from the following files:

- HxCorbaVxSegmentation.h
- HxCorbaVxSegmentation.c

2.56 HxCorba::VxSimilarityBuilder Class Reference

```
#include <HxCorbaDatabaseSessions.h>
```

Inheritance diagram for HxCorba::VxSimilarityBuilder::



Public Types

- typedef VxSimilarityBuilder_ptr_ptr_type
- typedef VxSimilarityBuilder_var_var_type

Public Methods

- `VxSimilarityBuilder ()`
- `virtual ~VxSimilarityBuilder ()`
- `virtual void addSimilarity (CORBA::Long index1, CORBA::Long index2, CORBA::Double value, CORBA::Long keyFrame1, CORBA::Long keyFrame2)=0`

Static Public Methods

- `VxSimilarityBuilder_ptr _duplicate (VxSimilarityBuilder_ptr p)`
- `VxSimilarityBuilder_ptr _nil ()`
- `VxSimilarityBuilder_ptr _narrow (CORBA::Object_ptr)`
- `VxSimilarityBuilder_ptr _unchecked_narrow (CORBA::Object_ptr)`
- `VxSimilarityBuilder_ptr _narrow (CORBA::AbstractBase_ptr)`
- `VxSimilarityBuilder_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)`
- `const char ** _OB_staticIds ()`

Static Protected Attributes

- `const char * ids_ []`

2.56.1 Member Typedef Documentation

2.56.1.1 `typedef VxSimilarityBuilder_ptr HxCorba::VxSimilarityBuilder::_ptr_type`

2.56.1.2 `typedef VxSimilarityBuilder_var HxCorba::VxSimilarityBuilder::_var_type`

2.56.2 Constructor & Destructor Documentation

2.56.2.1 `HxCorba::VxSimilarityBuilder::VxSimilarityBuilder () [inline]`

Reimplemented in `OBProxy_HxCorba::VxSimilarityBuilder` (p. ??).

2.56.2.2 `virtual HxCorba::VxSimilarityBuilder::~~VxSimilarityBuilder () [inline, virtual]`

Reimplemented in `OBProxy_HxCorba::VxSimilarityBuilder` (p. ??).

2.56.3 Member Function Documentation

- 2.56.3.1** `VxSimilarityBuilder_ptr HxCorba::VxSimilarityBuilder::duplicate (VxSimilarityBuilder_ptr p)` [`inline`, `static`]
- 2.56.3.2** `VxSimilarityBuilder_ptr HxCorba::VxSimilarityBuilder::nil ()` [`inline`, `static`]
- 2.56.3.3** `HxCorba::VxSimilarityBuilder_ptr HxCorba::VxSimilarityBuilder::narrow (CORBA::Object_ptr p)` [`static`]
- 2.56.3.4** `HxCorba::VxSimilarityBuilder_ptr HxCorba::VxSimilarityBuilder::unchecked_narrow (CORBA::Object_ptr p)` [`static`]
- 2.56.3.5** `HxCorba::VxSimilarityBuilder_ptr HxCorba::VxSimilarityBuilder::narrow (CORBA::AbstractBase_ptr p)` [`static`]
- 2.56.3.6** `HxCorba::VxSimilarityBuilder_ptr HxCorba::VxSimilarityBuilder::unchecked_narrow (CORBA::AbstractBase_ptr p)` [`static`]
- 2.56.3.7** `const char ** HxCorba::VxSimilarityBuilder::_OB_staticIds ()` [`static`]
- 2.56.3.8** `virtual void HxCorba::VxSimilarityBuilder::addSimilarity (CORBA::Long ob_a0, CORBA::Long ob_a1, CORBA::Double ob_a2, CORBA::Long ob_a3, CORBA::Long ob_a4)` [`pure virtual`]

Reimplemented in `OBProxy_HxCorba::VxSimilarityBuilder` (p. ??).

2.56.4 Member Data Documentation

- 2.56.4.1** `const char * HxCorba::VxSimilarityBuilder::ids_` [`static`, `protected`]

Initial value:

```
{
  "IDL:HxCorba/VxSimilarityBuilder:1.0",
  0
}
```

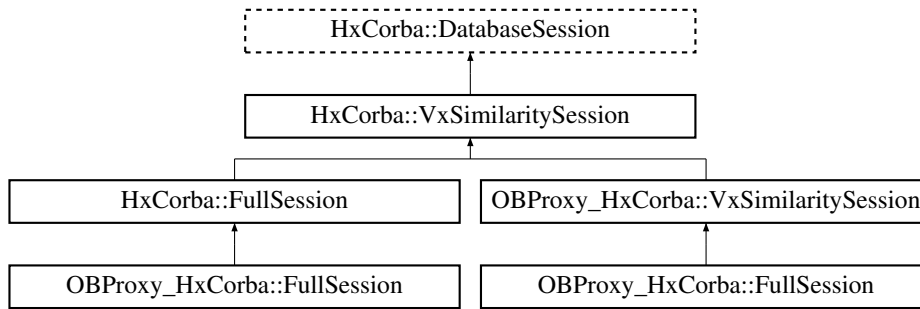
The documentation for this class was generated from the following files:

- `HxCorbaDatabaseSessions.h`
- `HxCorbaDatabaseSessions.c`

2.57 HxCorba::VxSimilaritySession Class Reference

```
#include <HxCorbaDatabaseSessions.h>
```

Inheritance diagram for `HxCorba::VxSimilaritySession`:



Public Types

- typedef VxSimilaritySession_ptr_ptr_type
- typedef VxSimilaritySession_var_var_type

Public Methods

- VxSimilaritySession ()
- virtual ~VxSimilaritySession ()
- virtual VxSimilarityBuilder_ptr addSimilarities (const char *videoName, const char *segmentName, const char *featureName)=0

Static Public Methods

- VxSimilaritySession_ptr_duplicate (VxSimilaritySession_ptr p)
- VxSimilaritySession_ptr_nil ()
- VxSimilaritySession_ptr_narrow (CORBA::Object_ptr)
- VxSimilaritySession_ptr_unchecked_narrow (CORBA::Object_ptr)
- VxSimilaritySession_ptr_narrow (CORBA::AbstractBase_ptr)
- VxSimilaritySession_ptr_unchecked_narrow (CORBA::AbstractBase_ptr)
- const char **_OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.57.1 Member Typedef Documentation

2.57.1.1 typedef VxSimilaritySession_ptr HxCorba::VxSimilaritySession::_ptr_type

Reimplemented from HxCorba::DatabaseSession (p. 45).

Reimplemented in HxCorba::FullSession (p. 50).

2.57.1.2 typedef VxSimilaritySession_var HxCorba::VxSimilaritySession::_var_type

Reimplemented from HxCorba::DatabaseSession (p. 45).

Reimplemented in HxCorba::FullSession (p. 50).

2.57.2 Constructor & Destructor Documentation

2.57.2.1 `HxCorba::VxSimilaritySession::VxSimilaritySession ()` [*inline*]

Reimplemented in `OBProxy_HxCorba::VxSimilaritySession` (p. ??).

2.57.2.2 `virtual HxCorba::VxSimilaritySession::~~VxSimilaritySession ()` [*inline*, *virtual*]

Reimplemented in `OBProxy_HxCorba::VxSimilaritySession` (p. ??).

2.57.3 Member Function Documentation

2.57.3.1 `VxSimilaritySession_ptr HxCorba::VxSimilaritySession::_duplicate (VxSimilaritySession_ptr p)` [*inline*, *static*]

2.57.3.2 `VxSimilaritySession_ptr HxCorba::VxSimilaritySession::_nil ()` [*inline*, *static*]

Reimplemented from `HxCorba::DatabaseSession` (p. 45).

Reimplemented in `HxCorba::FullSession` (p. 51).

2.57.3.3 `HxCorba::VxSimilaritySession_ptr HxCorba::VxSimilaritySession::_narrow (CORBA::Object_ptr p)` [*static*]

Reimplemented from `HxCorba::DatabaseSession` (p. 45).

Reimplemented in `HxCorba::FullSession` (p. 51).

2.57.3.4 `HxCorba::VxSimilaritySession_ptr HxCorba::VxSimilaritySession::_unchecked_narrow (CORBA::Object_ptr p)` [*static*]

Reimplemented from `HxCorba::DatabaseSession` (p. 45).

Reimplemented in `HxCorba::FullSession` (p. 51).

2.57.3.5 `HxCorba::VxSimilaritySession_ptr HxCorba::VxSimilaritySession::_narrow (CORBA::AbstractBase_ptr p)` [*static*]

Reimplemented from `HxCorba::DatabaseSession` (p. 46).

Reimplemented in `HxCorba::FullSession` (p. 51).

2.57.3.6 `HxCorba::VxSimilaritySession_ptr HxCorba::VxSimilaritySession::_unchecked_narrow (CORBA::AbstractBase_ptr p)` [*static*]

Reimplemented from `HxCorba::DatabaseSession` (p. 46).

Reimplemented in `HxCorba::FullSession` (p. 51).

2.57.3.7 `const char ** HxCorba::VxSimilaritySession::_OB_staticIds ()` [static]

Reimplemented from `HxCorba::DatabaseSession` (p. 46).

Reimplemented in `HxCorba::FullSession` (p. 51).

2.57.3.8 `virtual VxSimilarityBuilder_ptr HxCorba::VxSimilaritySession::addSimilarities (const char * _ob_a0, const char * _ob_a1, const char * _ob_a2)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::VxSimilaritySession` (p. ??).

2.57.4 Member Data Documentation

2.57.4.1 `const char * HxCorba::VxSimilaritySession::ids_` [static, protected]

Initial value:

```
{
  "IDL:HxCorba/VxSimilaritySession:1.0",
  "IDL:HxCorba/DatabaseSession:1.0",
  0
}
```

Reimplemented from `HxCorba::DatabaseSession` (p. 47).

Reimplemented in `HxCorba::FullSession` (p. 52).

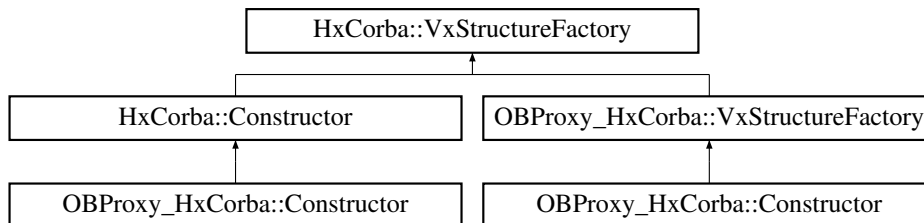
The documentation for this class was generated from the following files:

- `HxCorbaDatabaseSessions.h`
- `HxCorbaDatabaseSessions.c`

2.58 HxCorba::VxStructureFactory Class Reference

```
#include <HxCorbaVxStructure.h>
```

Inheritance diagram for `HxCorba::VxStructureFactory`:



Public Types

- `typedef VxStructureFactory_ptr _ptr_type`
- `typedef VxStructureFactory_var _var_type`

Public Methods

- VxStructureFactory ()
- virtual ~VxStructureFactory ()
- virtual VxStructure_ptr makeVxStructure (const char *base, const StringSeq &extLevels)=0

Static Public Methods

- VxStructureFactory_ptr _duplicate (VxStructureFactory_ptr p)
- VxStructureFactory_ptr _nil ()
- VxStructureFactory_ptr _narrow (CORBA::Object_ptr)
- VxStructureFactory_ptr _unchecked_narrow (CORBA::Object_ptr)
- VxStructureFactory_ptr _narrow (CORBA::AbstractBase_ptr)
- VxStructureFactory_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.58.1 Member Typedef Documentation

2.58.1.1 typedef VxStructureFactory_ptr HxCorba::VxStructureFactory::ptr_type

Reimplemented in HxCorba::Constructor (p. 42).

2.58.1.2 typedef VxStructureFactory_var HxCorba::VxStructureFactory::var_type

Reimplemented in HxCorba::Constructor (p. 42).

2.58.2 Constructor & Destructor Documentation

2.58.2.1 HxCorba::VxStructureFactory::VxStructureFactory () [inline]

Reimplemented in OBProxy_HxCorba::VxStructureFactory (p. ??).

2.58.2.2 virtual HxCorba::VxStructureFactory::~~VxStructureFactory () [inline, virtual]

Reimplemented in OBProxy_HxCorba::VxStructureFactory (p. ??).

2.58.3 Member Function Documentation

2.58.3.1 `VxStructureFactory_ptr HxCorba::VxStructureFactory::duplicate (VxStructureFactory_ptr p)` [`inline`, `static`]

2.58.3.2 `VxStructureFactory_ptr HxCorba::VxStructureFactory::nil ()` [`inline`, `static`]

Reimplemented in `HxCorba::Constructor` (p. 42).

2.58.3.3 `HxCorba::VxStructureFactory_ptr HxCorba::VxStructureFactory::narrow (CORBA::Object_ptr p)` [`static`]

Reimplemented in `HxCorba::Constructor` (p. 42).

2.58.3.4 `HxCorba::VxStructureFactory_ptr HxCorba::VxStructureFactory::unchecked_narrow (CORBA::Object_ptr p)` [`static`]

Reimplemented in `HxCorba::Constructor` (p. 43).

2.58.3.5 `HxCorba::VxStructureFactory_ptr HxCorba::VxStructureFactory::narrow (CORBA::AbstractBase_ptr p)` [`static`]

Reimplemented in `HxCorba::Constructor` (p. 43).

2.58.3.6 `HxCorba::VxStructureFactory_ptr HxCorba::VxStructureFactory::unchecked_narrow (CORBA::AbstractBase_ptr p)` [`static`]

Reimplemented in `HxCorba::Constructor` (p. 43).

2.58.3.7 `const char ** HxCorba::VxStructureFactory::OB_staticIds ()` [`static`]

Reimplemented in `HxCorba::Constructor` (p. 43).

2.58.3.8 `virtual VxStructure_ptr HxCorba::VxStructureFactory::makeVxStructure (const char * base, const StringSeq & extLevels)` [`pure virtual`]

2.58.4 Member Data Documentation

2.58.4.1 `const char * HxCorba::VxStructureFactory::ids_` [`static`, `protected`]

Initial value:

```
{
    "IDL:HxCorba/VxStructureFactory:1.0",
    0
}
```

Reimplemented in `HxCorba::Constructor` (p. 43).

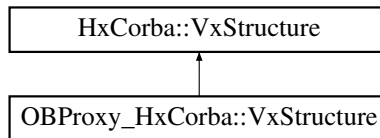
The documentation for this class was generated from the following files:

- HxCorbaVxStructure.h
- HxCorbaVxStructure.c

2.59 HxCorba::VxStructure Class Reference

```
#include <HxCorbaVxStructure.h>
```

Inheritance diagram for HxCorba::VxStructure::



Public Types

- typedef VxStructure_ptr_ptr_type
- typedef VxStructure_var_var_type

Public Methods

- VxStructure ()
- virtual ~VxStructure ()
- virtual StringSeq * getLevelNames ()=0
- virtual CORBA::Boolean exist (const char *levelId)=0
- virtual CORBA::Long size (const char *levelId)=0
- virtual CORBA::Boolean push (const char *level, VxSegmentation_ptr seg)=0
- virtual CORBA::Boolean pushFromFile (const char *level, const char *filename)=0
- virtual VxSegmentation_ptr get (const char *levelId)=0
- virtual VxSegment_ptr getSegment (const char *levelId, CORBA::Long index)=0
- virtual VxSegment_ptr mapsToSegment (const char *levelId, CORBA::Long timeSpan)=0
- virtual VxSegmentation_ptr getFromInterval (const char *levelId, const VxTimeSpan &timeSpan, CORBA::Boolean complete)=0
- virtual VxSegmentation_ptr getWhereInt (const char *levelId, const char *strType, CORBA::Long val)=0
- virtual VxSegmentation_ptr getWhereString (const char *levelId, const char *strType, const char *val)=0
- virtual VxSegmentation_ptr getShots ()=0
- virtual VxSegmentation_ptr getEffects ()=0
- virtual CORBA::Long mapsToIndex (const char *levelId, const VxTimeSpan &timeSpan)=0
- virtual CORBA::Long mapsToIndexInt (const char *levelId, CORBA::Long timeSpan)=0
- virtual LongSeq * getSegmentBoundaries (const char *levelId, const VxTimeSpan &timeSpan)=0
- virtual CORBA::Boolean isContinuous (const char *levelId)=0
- virtual CORBA::Boolean isSequential (const char *levelId)=0
- virtual CORBA::Boolean isParentOf (const char *levelId1, const char *levelId2)=0
- virtual CORBA::Boolean isChildOf (const char *levelId1, const char *levelId2)=0
- virtual VxStructureEval compare (const char *levelId, VxSegmentation_ptr foundTruth)=0

Static Public Methods

- `VxStructure_ptr _duplicate (VxStructure_ptr p)`
- `VxStructure_ptr _nil ()`
- `VxStructure_ptr _narrow (CORBA::Object_ptr)`
- `VxStructure_ptr _unchecked_narrow (CORBA::Object_ptr)`
- `VxStructure_ptr _narrow (CORBA::AbstractBase_ptr)`
- `VxStructure_ptr _unchecked_narrow (CORBA::AbstractBase_ptr)`
- `const char ** _OB_staticIds ()`

Static Public Attributes

- `const char *const BLOCKS = "blocks"`
- `const char *const SHOTS = "shots"`
- `const char *const EFFECTS = "effects"`
- `const char *const SCENES = "scenes"`

Static Protected Attributes

- `const char * ids_ []`

2.59.1 Member Typedef Documentation

2.59.1.1 `typedef VxStructure_ptr HxCorba::VxStructure::_ptr_type`

2.59.1.2 `typedef VxStructure_var HxCorba::VxStructure::_var_type`

2.59.2 Constructor & Destructor Documentation

2.59.2.1 `HxCorba::VxStructure::VxStructure () [inline]`

Reimplemented in `OBProxy_HxCorba::VxStructure (p. ??)`.

2.59.2.2 `virtual HxCorba::VxStructure::~~VxStructure () [inline, virtual]`

Reimplemented in `OBProxy_HxCorba::VxStructure (p. ??)`.

2.59.3 Member Function Documentation

2.59.3.1 `VxStructure_ptr HxCorba::VxStructure::duplicate (VxStructure_ptr p)` [inline, static]

2.59.3.2 `VxStructure_ptr HxCorba::VxStructure::nil ()` [inline, static]

2.59.3.3 `HxCorba::VxStructure_ptr HxCorba::VxStructure::narrow (CORBA::Object_ptr p)` [static]

2.59.3.4 `HxCorba::VxStructure_ptr HxCorba::VxStructure::unchecked_narrow (CORBA::Object_ptr p)` [static]

2.59.3.5 `HxCorba::VxStructure_ptr HxCorba::VxStructure::narrow (CORBA::AbstractBase_ptr p)` [static]

2.59.3.6 `HxCorba::VxStructure_ptr HxCorba::VxStructure::unchecked_narrow (CORBA::AbstractBase_ptr p)` [static]

2.59.3.7 `const char ** HxCorba::VxStructure::OB_staticIds ()` [static]

2.59.3.8 `virtual StringSeq* HxCorba::VxStructure::getLevelNames ()` [pure virtual]

Reimplemented in `OBProxy_HxCorba::VxStructure` (p. ??).

2.59.3.9 `virtual CORBA::Boolean HxCorba::VxStructure::exist (const char * _ob_a0)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::VxStructure` (p. ??).

2.59.3.10 `virtual CORBA::Long HxCorba::VxStructure::size (const char * _ob_a0)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::VxStructure` (p. ??).

2.59.3.11 `virtual CORBA::Boolean HxCorba::VxStructure::push (const char * level, VxSegmentation_ptr seg)` [pure virtual]

2.59.3.12 `virtual CORBA::Boolean HxCorba::VxStructure::pushFromFile (const char * _ob_a0, const char * _ob_a1)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::VxStructure` (p. ??).

2.59.3.13 `virtual VxSegmentation_ptr HxCorba::VxStructure::get (const char * _ob_a0)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::VxStructure` (p. ??).

2.59.3.14 virtual VxSegment_ptr HxCorba::VxStructure::getSegment (const char * *_ob_a0*, CORBA::Long *_ob_a1*) [pure virtual]

Reimplemented in OBProxy_HxCorba::VxStructure (p. ??).

2.59.3.15 virtual VxSegment_ptr HxCorba::VxStructure::mapsToSegment (const char * *_ob_a0*, CORBA::Long *_ob_a1*) [pure virtual]

Reimplemented in OBProxy_HxCorba::VxStructure (p. ??).

2.59.3.16 virtual VxSegmentation_ptr HxCorba::VxStructure::getFromInterval (const char * *levelId*, const VxTimeSpan & *timeSpan*, CORBA::Boolean *complete*) [pure virtual]

2.59.3.17 virtual VxSegmentation_ptr HxCorba::VxStructure::getWhereInt (const char * *_ob_a0*, const char * *_ob_a1*, CORBA::Long *_ob_a2*) [pure virtual]

Reimplemented in OBProxy_HxCorba::VxStructure (p. ??).

2.59.3.18 virtual VxSegmentation_ptr HxCorba::VxStructure::getWhereString (const char * *_ob_a0*, const char * *_ob_a1*, const char * *_ob_a2*) [pure virtual]

Reimplemented in OBProxy_HxCorba::VxStructure (p. ??).

2.59.3.19 virtual VxSegmentation_ptr HxCorba::VxStructure::getShots () [pure virtual]

Reimplemented in OBProxy_HxCorba::VxStructure (p. ??).

2.59.3.20 virtual VxSegmentation_ptr HxCorba::VxStructure::getEffects () [pure virtual]

Reimplemented in OBProxy_HxCorba::VxStructure (p. ??).

2.59.3.21 virtual CORBA::Long HxCorba::VxStructure::mapsToIndex (const char * *levelId*, const VxTimeSpan & *timeSpan*) [pure virtual]

2.59.3.22 virtual CORBA::Long HxCorba::VxStructure::mapsToIndexInt (const char * *_ob_a0*, CORBA::Long *_ob_a1*) [pure virtual]

Reimplemented in OBProxy_HxCorba::VxStructure (p. ??).

2.59.3.23 virtual LongSeq* HxCorba::VxStructure::getSegmentBoundaries (const char * *levelId*, const VxTimeSpan & *timeSpan*) [pure virtual]

2.59.3.24 virtual CORBA::Boolean HxCorba::VxStructure::isContinuous (const char * *_ob_a0*) [pure virtual]

Reimplemented in OBProxy_HxCorba::VxStructure (p. ??).

2.59.3.25 virtual CORBA::Boolean HxCorba::VxStructure::isSequential (const char * *_ob_a0*)
[pure virtual]

Reimplemented in OBProxy_HxCorba::VxStructure (p. ??).

2.59.3.26 virtual CORBA::Boolean HxCorba::VxStructure::isParentOf (const char * *_ob_a0*,
const char * *_ob_a1*) [pure virtual]

Reimplemented in OBProxy_HxCorba::VxStructure (p. ??).

2.59.3.27 virtual CORBA::Boolean HxCorba::VxStructure::isChildOf (const char * *_ob_a0*, const
char * *_ob_a1*) [pure virtual]

Reimplemented in OBProxy_HxCorba::VxStructure (p. ??).

2.59.3.28 virtual VxStructureEval HxCorba::VxStructure::compare (const char * *levelId*,
VxSegmentation_ptr *foundTruth*) [pure virtual]

2.59.4 Member Data Documentation

2.59.4.1 const char * HxCorba::VxStructure::ids_ [static, protected]

Initial value:

```
{
    "IDL:HxCorba/VxStructure:1.0",
    0
}
```

2.59.4.2 const char *const HxCorba::VxStructure::BLOCKS = "blocks" [static]

2.59.4.3 const char *const HxCorba::VxStructure::SHOTS = "shots" [static]

2.59.4.4 const char *const HxCorba::VxStructure::EFFECTS = "effects" [static]

2.59.4.5 const char *const HxCorba::VxStructure::SCENES = "scenes" [static]

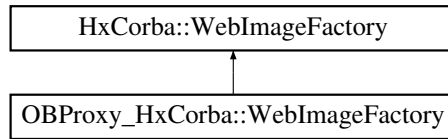
The documentation for this class was generated from the following files:

- HxCorbaVxStructure.h
- HxCorbaVxStructure.c

2.60 HxCorba::WebImageFactory Class Reference

```
#include <HxCorbaWebImageFactory.h>
```

Inheritance diagram for HxCorba::WebImageFactory::



Public Types

- typedef WebImageFactory_ptr_ptr_type
- typedef WebImageFactory_var_var_type

Public Methods

- WebImageFactory ()
- virtual ~WebImageFactory ()
- virtual ImageData_ptr makeImageFromURL (const char *url)=0

Static Public Methods

- WebImageFactory_ptr_duplicate (WebImageFactory_ptr p)
- WebImageFactory_ptr_nil ()
- WebImageFactory_ptr_narrow (CORBA::Object_ptr)
- WebImageFactory_ptr_unchecked_narrow (CORBA::Object_ptr)
- WebImageFactory_ptr_narrow (CORBA::AbstractBase_ptr)
- WebImageFactory_ptr_unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.60.1 Member Typedef Documentation

2.60.1.1 typedef WebImageFactory_ptr HxCorba::WebImageFactory::ptr_type

2.60.1.2 typedef WebImageFactory_var HxCorba::WebImageFactory::var_type

2.60.2 Constructor & Destructor Documentation

2.60.2.1 HxCorba::WebImageFactory::WebImageFactory () [inline]

Reimplemented in OBProxy_HxCorba::WebImageFactory (p. ??).

2.60.2.2 virtual HxCorba::WebImageFactory::~~WebImageFactory () [inline, virtual]

Reimplemented in OBProxy_HxCorba::WebImageFactory (p. ??).

2.60.3 Member Function Documentation

- 2.60.3.1** `WebImageFactory_ptr HxCorba::WebImageFactory::duplicate (WebImageFactory_ptr p)` [inline, static]
- 2.60.3.2** `WebImageFactory_ptr HxCorba::WebImageFactory::nil ()` [inline, static]
- 2.60.3.3** `HxCorba::WebImageFactory_ptr HxCorba::WebImageFactory::narrow (CORBA::Object_ptr p)` [static]
- 2.60.3.4** `HxCorba::WebImageFactory_ptr HxCorba::WebImageFactory::unchecked_narrow (CORBA::Object_ptr p)` [static]
- 2.60.3.5** `HxCorba::WebImageFactory_ptr HxCorba::WebImageFactory::narrow (CORBA::AbstractBase_ptr p)` [static]
- 2.60.3.6** `HxCorba::WebImageFactory_ptr HxCorba::WebImageFactory::unchecked_narrow (CORBA::AbstractBase_ptr p)` [static]
- 2.60.3.7** `const char ** HxCorba::WebImageFactory::_OB_staticIds ()` [static]
- 2.60.3.8** `virtual ImageData_ptr HxCorba::WebImageFactory::makeImageFromURL (const char * _ob_a0)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::WebImageFactory` (p. ??).

2.60.4 Member Data Documentation

- 2.60.4.1** `const char * HxCorba::WebImageFactory::ids_` [static, protected]

Initial value:

```
{
  "IDL:HxCorba/WebImageFactory:1.0",
  0
}
```

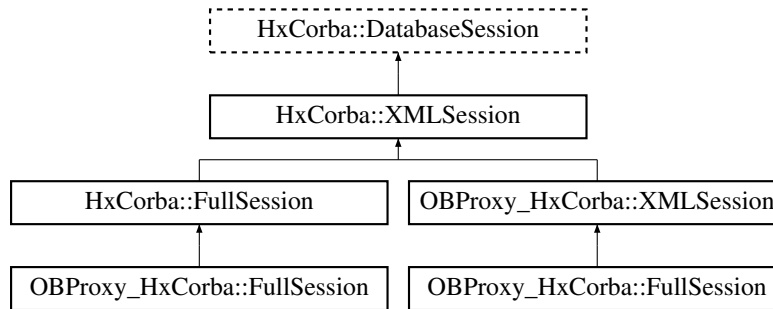
The documentation for this class was generated from the following files:

- `HxCorbaWebImageFactory.h`
- `HxCorbaWebImageFactory.c`

2.61 HxCorba::XMLSession Class Reference

```
#include <HxCorbaDatabaseSessions.h>
```

Inheritance diagram for `HxCorba::XMLSession`:



Public Types

- typedef XMLSession_ptr_ptr_type
- typedef XMLSession_var_var_type

Public Methods

- XMLSession ()
- virtual ~XMLSession ()
- virtual char * queryXML (const char *sqlQuery)=0
- virtual DBDataRowSeq * queryDBData (const char *sqlQuery, const DBDataTagSeq &result-Type)=0

Static Public Methods

- XMLSession_ptr_duplicate (XMLSession_ptr p)
- XMLSession_ptr_nil ()
- XMLSession_ptr_narrow (CORBA::Object_ptr)
- XMLSession_ptr_unchecked_narrow (CORBA::Object_ptr)
- XMLSession_ptr_narrow (CORBA::AbstractBase_ptr)
- XMLSession_ptr_unchecked_narrow (CORBA::AbstractBase_ptr)
- const char ** _OB_staticIds ()

Static Protected Attributes

- const char * ids_ []

2.61.1 Member Typedef Documentation

2.61.1.1 typedef XMLSession_ptr HxCORBA::XMLSession::_ptr_type

Reimplemented from HxCORBA::DatabaseSession (p. 45).

Reimplemented in HxCORBA::FullSession (p. 50).

2.61.1.2 `typedef XMLSession_var HxCorba::XMLSession::_var_type`

Reimplemented from `HxCorba::DatabaseSession` (p. 45).

Reimplemented in `HxCorba::FullSession` (p. 50).

2.61.2 Constructor & Destructor Documentation

2.61.2.1 `HxCorba::XMLSession::XMLSession ()` [`inline`]

Reimplemented in `OBProxy_HxCorba::XMLSession` (p. ??).

2.61.2.2 `virtual HxCorba::XMLSession::~~XMLSession ()` [`inline`, `virtual`]

Reimplemented in `OBProxy_HxCorba::XMLSession` (p. ??).

2.61.3 Member Function Documentation

2.61.3.1 `XMLSession_ptr HxCorba::XMLSession::_duplicate (XMLSession_ptr p)` [`inline`, `static`]

2.61.3.2 `XMLSession_ptr HxCorba::XMLSession::_nil ()` [`inline`, `static`]

Reimplemented from `HxCorba::DatabaseSession` (p. 45).

Reimplemented in `HxCorba::FullSession` (p. 51).

2.61.3.3 `HxCorba::XMLSession_ptr HxCorba::XMLSession::_narrow (CORBA::Object_ptr p)` [`static`]

Reimplemented from `HxCorba::DatabaseSession` (p. 45).

Reimplemented in `HxCorba::FullSession` (p. 51).

2.61.3.4 `HxCorba::XMLSession_ptr HxCorba::XMLSession::_unchecked_narrow (CORBA::Object_ptr p)` [`static`]

Reimplemented from `HxCorba::DatabaseSession` (p. 45).

Reimplemented in `HxCorba::FullSession` (p. 51).

2.61.3.5 `HxCorba::XMLSession_ptr HxCorba::XMLSession::_narrow (CORBA::AbstractBase_ptr p)` [`static`]

Reimplemented from `HxCorba::DatabaseSession` (p. 46).

Reimplemented in `HxCorba::FullSession` (p. 51).

2.61.3.6 `HxCorba::XMLSession_ptr HxCorba::XMLSession::unchecked_narrow (CORBA::AbstractBase_ptr p)` [static]

Reimplemented from `HxCorba::DatabaseSession` (p. 46).

Reimplemented in `HxCorba::FullSession` (p. 51).

2.61.3.7 `const char ** HxCorba::XMLSession::OB_staticIds ()` [static]

Reimplemented from `HxCorba::DatabaseSession` (p. 46).

Reimplemented in `HxCorba::FullSession` (p. 51).

2.61.3.8 `virtual char* HxCorba::XMLSession::queryXML (const char * ob_a0)` [pure virtual]

Reimplemented in `OBProxy_HxCorba::XMLSession` (p. ??).

2.61.3.9 `virtual DBDataRowSeq* HxCorba::XMLSession::queryDBData (const char * sqlQuery, const DBDataTagSeq & resultType)` [pure virtual]

2.61.4 Member Data Documentation

2.61.4.1 `const char * HxCorba::XMLSession::ids_` [static, protected]

Initial value:

```
{
  "IDL:HxCorba/XMLSession:1.0",
  "IDL:HxCorba/DatabaseSession:1.0",
  0
}
```

Reimplemented from `HxCorba::DatabaseSession` (p. 47).

Reimplemented in `HxCorba::FullSession` (p. 52).

The documentation for this class was generated from the following files:

- `HxCorbaDatabaseSessions.h`
- `HxCorbaDatabaseSessions.c`

Chapter 3

Exceptions, structs, and unions

3.1 HxCorba::DatabaseException Struct Reference

```
#include <HxCorbaDatabase.h>
```

Public Methods

- DatabaseException ()
- DatabaseException (const DatabaseException &)
- DatabaseException & operator= (const DatabaseException &)
- virtual const char * _name () const
- virtual void _raise () const
- virtual const char * _rep_id () const
- virtual char * _to_string () const
- virtual CORBA::Exception * _OB_clone () const
- virtual void _OB_insertInAny (CORBA::Any &)
- DatabaseException (CORBA::Long, const char *, const char *)
- virtual void _OB_marshall (OB::OutputStreamImpl *) const

Static Public Methods

- DatabaseException * _downcast (CORBA::Exception *)
- const DatabaseException * _downcast (const CORBA::Exception *)
- void _OB_unmarshal (DatabaseException &, OB::InputStreamImpl *)

Public Attributes

- CORBA::Long dbCode
 - OB::StrForStruct dbMessage
 - OB::StrForStruct message
-

3.1.1 Constructor & Destructor Documentation

- 3.1.1.1 `HxCorba::DatabaseException::DatabaseException ()` [inline]
- 3.1.1.2 `HxCorba::DatabaseException::DatabaseException (const DatabaseException & _ob_a)`
- 3.1.1.3 `HxCorba::DatabaseException::DatabaseException (CORBA::Long _ob_a0, const char * _ob_a1, const char * _ob_a2)`

3.1.2 Member Function Documentation

- 3.1.2.1 `HxCorba::DatabaseException & HxCorba::DatabaseException::operator= (const DatabaseException & _ob_a)`
- 3.1.2.2 `HxCorba::DatabaseException * HxCorba::DatabaseException::downcast (CORBA::Exception * p)` [static]
- 3.1.2.3 `const HxCorba::DatabaseException * HxCorba::DatabaseException::downcast (const CORBA::Exception * p)` [static]
- 3.1.2.4 `const char * HxCorba::DatabaseException::name () const` [virtual]
- 3.1.2.5 `virtual void HxCorba::DatabaseException::raise () const` [inline, virtual]
- 3.1.2.6 `const char * HxCorba::DatabaseException::rep_id () const` [virtual]
- 3.1.2.7 `char * HxCorba::DatabaseException::to_string () const` [virtual]
- 3.1.2.8 `CORBA::Exception * HxCorba::DatabaseException::_OB_clone () const` [virtual]
- 3.1.2.9 `void HxCorba::DatabaseException::_OB_insertInAny (CORBA::Any & any)` [virtual]
- 3.1.2.10 `void HxCorba::DatabaseException::_OB_marshall (OB::OutputStreamImpl * _ob_out) const` [virtual]
- 3.1.2.11 `void HxCorba::DatabaseException::_OB_unmarshal (DatabaseException & _ob_y, OB::InputStreamImpl * _ob_in)` [static]

3.1.3 Member Data Documentation

- 3.1.3.1 `CORBA::Long HxCorba::DatabaseException::dbCode`
- 3.1.3.2 `OB::StrForStruct HxCorba::DatabaseException::dbMessage`
- 3.1.3.3 `OB::StrForStruct HxCorba::DatabaseException::message`

The documentation for this struct was generated from the following files:

- HxCorbaDatabase.h
- HxCorbaDatabase.c

3.2 HxCorba::ImageException Struct Reference

```
#include <HxCorbaImageRep.h>
```

Public Methods

- `ImageException ()`
- `ImageException (const ImageException &)`
- `ImageException & operator= (const ImageException &)`
- `virtual const char * _name () const`
- `virtual void _raise () const`
- `virtual const char * _rep_id () const`
- `virtual char * _to_string () const`
- `virtual CORBA::Exception * _OB_clone () const`
- `virtual void _OB_insertInAny (CORBA::Any &)`
- `ImageException (const char *)`
- `virtual void _OB_marshall (OB::OutputStreamImpl *) const`

Static Public Methods

- `ImageException * _downcast (CORBA::Exception *)`
- `const ImageException * _downcast (const CORBA::Exception *)`
- `void _OB_unmarshal (ImageException &, OB::InputStreamImpl *)`

Public Attributes

- `OB::StrForStruct` message

3.2.1 Constructor & Destructor Documentation

3.2.1.1 HxCorba::ImageException::ImageException () [inline]

3.2.1.2 HxCorba::ImageException::ImageException (const ImageException & *_ob_a*)

3.2.1.3 HxCorba::ImageException::ImageException (const char * *_ob_a0*)

3.2.2 Member Function Documentation

3.2.2.1 HxCorba::ImageException & HxCorba::ImageException::operator= (const ImageException & *_ob_a*)

3.2.2.2 HxCorba::ImageException * HxCorba::ImageException::_downcast (CORBA::Exception * *p*) [static]

3.2.2.3 const HxCorba::ImageException * HxCorba::ImageException::_downcast (const CORBA::Exception * *p*) [static]

3.2.2.4 const char * HxCorba::ImageException::_name () const [virtual]

3.2.2.5 virtual void HxCorba::ImageException::_raise () const [inline, virtual]

3.2.2.6 const char * HxCorba::ImageException::_rep_id () const [virtual]

3.2.2.7 char * HxCorba::ImageException::_to_string () const [virtual]

3.2.2.8 CORBA::Exception * HxCorba::ImageException::_OB_clone () const [virtual]

3.2.2.9 void HxCorba::ImageException::_OB_insertInAny (CORBA::Any & *any*) [virtual]

3.2.2.10 void HxCorba::ImageException::_OB_marshall (OB::OutputStreamImpl * *_ob_out*) const [virtual]

3.2.2.11 void HxCorba::ImageException::_OB_unmarshal (ImageException & *_ob_y*, OB::InputStreamImpl * *_ob_in*) [static]

3.2.3 Member Data Documentation

3.2.3.1 OB::StrForStruct HxCorba::ImageException::message

The documentation for this struct was generated from the following files:

- HxCorbaImageRep.h
- HxCorbaImageRep.c

3.3 HxCorba::Color Struct Reference

```
#include <HxCorbaUserOps.h>
```

Public Types

- typedef Color_var _var_type

Public Methods

- void _OB_marshall (OB::OutputStreamImpl *) const

Static Public Methods

- void _OB_unmarshal (Color &, OB::InputStreamImpl *)

Public Attributes

- CORBA::Double x
- CORBA::Double y
- CORBA::Double z

3.3.1 Member Typedef Documentation

3.3.1.1 typedef Color_var HxCorba::Color::_var_type

3.3.2 Member Function Documentation

3.3.2.1 void HxCorba::Color::_OB_marshall (OB::OutputStreamImpl * *_ob_out*) const

3.3.2.2 void HxCorba::Color::_OB_unmarshal (Color & *_ob_v*, OB::InputStreamImpl * *_ob_in*)
[static]

3.3.3 Member Data Documentation

3.3.3.1 CORBA::Double HxCorba::Color::x

3.3.3.2 CORBA::Double HxCorba::Color::y

3.3.3.3 CORBA::Double HxCorba::Color::z

The documentation for this struct was generated from the following files:

- HxCorbaUserOps.h
- HxCorbaUserOps.c

3.4 HxCorba::Complex Struct Reference

```
#include <HxCorbaPixValue.h>
```


Public Types

- typedef Complex_var _var_type

Public Methods

- void _OB_marshall (OB::OutputStreamImpl *) const

Static Public Methods

- void _OB_unmarshal (Complex &, OB::InputStreamImpl *)

Public Attributes

- CORBA::Double x
- CORBA::Double y

3.4.1 Member Typedef Documentation

3.4.1.1 typedef Complex_var HxCorba::Complex::_var_type

3.4.2 Member Function Documentation

3.4.2.1 void HxCorba::Complex::_OB_marshall (OB::OutputStreamImpl * *_ob_out*) const

3.4.2.2 void HxCorba::Complex::_OB_unmarshal (Complex & *_ob_v*, OB::InputStreamImpl * *_ob_in*) [static]

3.4.3 Member Data Documentation

3.4.3.1 CORBA::Double HxCorba::Complex::x

3.4.3.2 CORBA::Double HxCorba::Complex::y

The documentation for this struct was generated from the following files:

- HxCorbaPixValue.h
- HxCorbaPixValue.c

3.5 HxCorba::HistogramMode Struct Reference

```
#include <HxCorbaHistogram.h>
```

Public Types

- typedef HistogramMode_var _var_type

Public Methods

- `void _OB_marshall (OB::OutputStreamImpl *) const`

Static Public Methods

- `void _OB_unmarshal (HistogramMode &, OB::InputStreamImpl *)`

Public Attributes

- `CORBA::Double x`
- `CORBA::Double y`

3.5.1 Member Typedef Documentation

- 3.5.1.1 `typedef HistogramMode_var HxCorba::HistogramMode::_var_type`

3.5.2 Member Function Documentation

- 3.5.2.1 `void HxCorba::HistogramMode::_OB_marshall (OB::OutputStreamImpl * _ob_out) const`

- 3.5.2.2 `void HxCorba::HistogramMode::_OB_unmarshal (HistogramMode & _ob_y, OB::InputStreamImpl * _ob_in) [static]`

3.5.3 Member Data Documentation

- 3.5.3.1 `CORBA::Double HxCorba::HistogramMode::x`

- 3.5.3.2 `CORBA::Double HxCorba::HistogramMode::y`

The documentation for this struct was generated from the following files:

- `HxCorbaHistogram.h`
- `HxCorbaHistogram.c`

3.6 HxCorba::PointR2 Struct Reference

```
#include <HxCorbaPolyline2d.h>
```

Public Types

- `typedef PointR2_var _var_type`

Public Methods

- `void _OB_marshall (OB::OutputStreamImpl *) const`

Static Public Methods

- `void _OB_unmarshal (PointR2 &, OB::InputStreamImpl *)`

Public Attributes

- `CORBA::Double x`
- `CORBA::Double y`

3.6.1 Member Typedef Documentation

3.6.1.1 `typedef PointR2_var HxCorba::PointR2::_var_type`

3.6.2 Member Function Documentation

3.6.2.1 `void HxCorba::PointR2::_OB_marshall (OB::OutputStreamImpl * _ob_out) const`

3.6.2.2 `void HxCorba::PointR2::_OB_unmarshal (PointR2 & _ob_v, OB::InputStreamImpl * _ob_in) [static]`

3.6.3 Member Data Documentation

3.6.3.1 `CORBA::Double HxCorba::PointR2::x`

3.6.3.2 `CORBA::Double HxCorba::PointR2::y`

The documentation for this struct was generated from the following files:

- `HxCorbaPolyline2d.h`
- `HxCorbaPolyline2d.c`

3.7 HxCorba::Point Struct Reference

```
#include <HxCorbaImageRep.h>
```

Public Types

- `typedef Point_var _var_type`

Public Methods

- `void _OB_marshall (OB::OutputStreamImpl *) const`

Static Public Methods

- `void _OB_unmarshal (Point &, OB::InputStreamImpl *)`

Public Attributes

- CORBA::Double x
- CORBA::Double y
- CORBA::Double z

3.7.1 Member Typedef Documentation

3.7.1.1 typedef Point_var HxCorba::Point::_var_type

3.7.2 Member Function Documentation

3.7.2.1 void HxCorba::Point::_OB_marshall (OB::OutputStreamImpl * *_ob_out*) const

3.7.2.2 void HxCorba::Point::_OB_unmarshal (Point & *_ob_y*, OB::InputStreamImpl * *_ob_in*)
[static]

3.7.3 Member Data Documentation

3.7.3.1 CORBA::Double HxCorba::Point::x

3.7.3.2 CORBA::Double HxCorba::Point::y

3.7.3.3 CORBA::Double HxCorba::Point::z

The documentation for this struct was generated from the following files:

- HxCorbaImageRep.h
- HxCorbaImageRep.c

3.8 HxCorba::SegmentQueryResult Struct Reference

```
#include <HxCorbaDatabase.h>
```

Public Types

- typedef SegmentQueryResult_var _var_type

Public Methods

- SegmentQueryResult ()
- SegmentQueryResult (const SegmentQueryResult &)
- SegmentQueryResult & operator= (const SegmentQueryResult &)
- void _OB_marshall (OB::OutputStreamImpl *) const

Static Public Methods

- void _OB_unmarshal (SegmentQueryResult &, OB::InputStreamImpl *)

Public Attributes

- `OB::StrForStruct` `videoName`
- `OB::StrForStruct` `segmentationName`
- `VxSegment_var` `segment`
- `VxTimeSpan` `time`

3.8.1 Member Typedef Documentation

3.8.1.1 `typedef SegmentQueryResult_var HxCorba::SegmentQueryResult::_var_type`

3.8.2 Constructor & Destructor Documentation

3.8.2.1 `HxCorba::SegmentQueryResult::SegmentQueryResult()` [`inline`]

3.8.2.2 `HxCorba::SegmentQueryResult::SegmentQueryResult(const SegmentQueryResult & _ob_a)`

3.8.3 Member Function Documentation

3.8.3.1 `HxCorba::SegmentQueryResult & HxCorba::SegmentQueryResult::operator=(const SegmentQueryResult & _ob_a)`

3.8.3.2 `void HxCorba::SegmentQueryResult::_OB_marshall(OB::OutputStreamImpl * _ob_out) const`

3.8.3.3 `void HxCorba::SegmentQueryResult::_OB_unmarshal(SegmentQueryResult & _ob_y, OB::InputStreamImpl * _ob_in)` [`static`]

3.8.4 Member Data Documentation

3.8.4.1 `OB::StrForStruct` `HxCorba::SegmentQueryResult::videoName`

3.8.4.2 `OB::StrForStruct` `HxCorba::SegmentQueryResult::segmentationName`

3.8.4.3 `VxSegment_var` `HxCorba::SegmentQueryResult::segment`

3.8.4.4 `VxTimeSpan` `HxCorba::SegmentQueryResult::time`

The documentation for this struct was generated from the following files:

- `HxCorbaDatabase.h`
- `HxCorbaDatabase.c`

3.9 HxCorba::Sizes Struct Reference

```
#include <HxCorbaImageRep.h>
```

Public Types

- typedef Sizes_var _var_type

Public Methods

- void _OB_marshall (OB::OutputStreamImpl *) const

Static Public Methods

- void _OB_unmarshal (Sizes &, OB::InputStreamImpl *)

Public Attributes

- CORBA::Long x
- CORBA::Long y
- CORBA::Long z

3.9.1 Member Typedef Documentation

3.9.1.1 typedef Sizes_var HxCorba::Sizes::_var_type

3.9.2 Member Function Documentation

3.9.2.1 void HxCorba::Sizes::_OB_marshall (OB::OutputStreamImpl * *_ob_out*) const

3.9.2.2 void HxCorba::Sizes::_OB_unmarshal (Sizes & *_ob_v*, OB::InputStreamImpl * *_ob_in*)
[static]

3.9.3 Member Data Documentation

3.9.3.1 CORBA::Long HxCorba::Sizes::x

3.9.3.2 CORBA::Long HxCorba::Sizes::y

3.9.3.3 CORBA::Long HxCorba::Sizes::z

The documentation for this struct was generated from the following files:

- HxCorbaImageRep.h
- HxCorbaImageRep.c

3.10 HxCorba::Vec2D Struct Reference

```
#include <HxCorbaPixValue.h>
```

Public Types

- `typedef Vec2D_var _var_type`

Public Methods

- `void _OB_marshall (OB::OutputStreamImpl *) const`

Static Public Methods

- `void _OB_unmarshal (Vec2D &, OB::InputStreamImpl *)`

Public Attributes

- `CORBA::Double x`
- `CORBA::Double y`

3.10.1 Member Typedef Documentation

3.10.1.1 `typedef Vec2D_var HxCorba::Vec2D::_var_type`

3.10.2 Member Function Documentation

3.10.2.1 `void HxCorba::Vec2D::_OB_marshall (OB::OutputStreamImpl * _ob_out) const`

3.10.2.2 `void HxCorba::Vec2D::_OB_unmarshal (Vec2D & _ob_v, OB::InputStreamImpl * _ob_in)
[static]`

3.10.3 Member Data Documentation

3.10.3.1 `CORBA::Double HxCorba::Vec2D::x`

3.10.3.2 `CORBA::Double HxCorba::Vec2D::y`

The documentation for this struct was generated from the following files:

- `HxCorbaPixValue.h`
- `HxCorbaPixValue.c`

3.11 HxCorba::Vec2I Struct Reference

```
#include <HxCorbaPixValue.h>
```

Public Types

- `typedef Vec2I_var _var_type`

Public Methods

- `void _OB_marshall (OB::OutputStreamImpl *) const`

Static Public Methods

- `void _OB_unmarshal (Vec2I &, OB::InputStreamImpl *)`

Public Attributes

- `CORBA::Long x`
- `CORBA::Long y`

3.11.1 Member Typedef Documentation

3.11.1.1 `typedef Vec2I_var HxCorba::Vec2I::_var_type`

3.11.2 Member Function Documentation

3.11.2.1 `void HxCorba::Vec2I::_OB_marshall (OB::OutputStreamImpl * _ob_out) const`

3.11.2.2 `void HxCorba::Vec2I::_OB_unmarshal (Vec2I & _ob_v, OB::InputStreamImpl * _ob_in)
[static]`

3.11.3 Member Data Documentation

3.11.3.1 `CORBA::Long HxCorba::Vec2I::x`

3.11.3.2 `CORBA::Long HxCorba::Vec2I::y`

The documentation for this struct was generated from the following files:

- `HxCorbaPixValue.h`
- `HxCorbaPixValue.c`

3.12 HxCorba::Vec3D Struct Reference

```
#include <HxCorbaPixValue.h>
```

Public Types

- `typedef Vec3D_var _var_type`

Public Methods

- `void _OB_marshall (OB::OutputStreamImpl *) const`

Static Public Methods

- `void _OB_unmarshal (Vec3D &, OB::InputStreamImpl *)`

Public Attributes

- `CORBA::Double x`
- `CORBA::Double y`
- `CORBA::Double z`

3.12.1 Member Typedef Documentation

3.12.1.1 `typedef Vec3D_var HxCorba::Vec3D::_var_type`

3.12.2 Member Function Documentation

3.12.2.1 `void HxCorba::Vec3D::_OB_marshall (OB::OutputStreamImpl * _ob_out) const`

3.12.2.2 `void HxCorba::Vec3D::_OB_unmarshal (Vec3D & _ob_v, OB::InputStreamImpl * _ob_in)
[static]`

3.12.3 Member Data Documentation

3.12.3.1 `CORBA::Double HxCorba::Vec3D::x`

3.12.3.2 `CORBA::Double HxCorba::Vec3D::y`

3.12.3.3 `CORBA::Double HxCorba::Vec3D::z`

The documentation for this struct was generated from the following files:

- `HxCorbaPixValue.h`
- `HxCorbaPixValue.c`

3.13 HxCorba::Vec3I Struct Reference

```
#include <HxCorbaPixValue.h>
```

Public Types

- `typedef Vec3I_var _var_type`

Public Methods

- `void _OB_marshall (OB::OutputStreamImpl *) const`

Static Public Methods

- `void _OB_unmarshal (Vec3I &, OB::InputStreamImpl *)`

Public Attributes

- `CORBA::Long x`
- `CORBA::Long y`
- `CORBA::Long z`

3.13.1 Member Typedef Documentation

3.13.1.1 `typedef Vec3I_var HxCorba::Vec3I::_var_type`

3.13.2 Member Function Documentation

3.13.2.1 `void HxCorba::Vec3I::_OB_marshall (OB::OutputStreamImpl * _ob_out) const`

3.13.2.2 `void HxCorba::Vec3I::_OB_unmarshal (Vec3I & _obj, OB::InputStreamImpl * _ob_in)
[static]`

3.13.3 Member Data Documentation

3.13.3.1 `CORBA::Long HxCorba::Vec3I::x`

3.13.3.2 `CORBA::Long HxCorba::Vec3I::y`

3.13.3.3 `CORBA::Long HxCorba::Vec3I::z`

The documentation for this struct was generated from the following files:

- `HxCorbaPixValue.h`
- `HxCorbaPixValue.c`

3.14 HxCorba::VxStructureEval Struct Reference

```
#include <HxCorbaVxStructure.h>
```

Public Types

- `typedef VxStructureEval_var _var_type`

Public Methods

- `void _OB_marshall (OB::OutputStreamImpl *) const`

Static Public Methods

- void `_OB_unmarshal` (VxStructureEval &, OB::InputStreamImpl *)

Public Attributes

- CORBA::Long `correct`
- CORBA::Long `missed`
- CORBA::Long `falseAlarm`

3.14.1 Member Typedef Documentation

3.14.1.1 `typedef VxStructureEval_var HxCorba::VxStructureEval::_var_type`

3.14.2 Member Function Documentation

3.14.2.1 `void HxCorba::VxStructureEval::_OB_marshall (OB::OutputStreamImpl * _ob_out) const`

3.14.2.2 `void HxCorba::VxStructureEval::_OB_unmarshal (VxStructureEval & _obj, OB::InputStreamImpl * _ob_in) [static]`

3.14.3 Member Data Documentation

3.14.3.1 `CORBA::Long HxCorba::VxStructureEval::correct`

3.14.3.2 `CORBA::Long HxCorba::VxStructureEval::missed`

3.14.3.3 `CORBA::Long HxCorba::VxStructureEval::falseAlarm`

The documentation for this struct was generated from the following files:

- HxCorbaVxStructure.h
- HxCorbaVxStructure.c

3.15 HxCorba::VxTimeSpan Struct Reference

```
#include <HxCorbaVxSegmentation.h>
```

Public Types

- `typedef VxTimeSpan_var _var_type`

Public Methods

- void `_OB_marshall` (OB::OutputStreamImpl *) const

Static Public Methods

- void `_OB_unmarshal` (VxTimeSpan &, OB::InputStreamImpl *)

Public Attributes

- CORBA::Long `start`
- CORBA::Long `end`

3.15.1 Member Typedef Documentation

3.15.1.1 `typedef VxTimeSpan_var HxCorba::VxTimeSpan::_var_type`

3.15.2 Member Function Documentation

3.15.2.1 `void HxCorba::VxTimeSpan::_OB_marshal` (OB::OutputStreamImpl * `_ob_out`) const

3.15.2.2 `void HxCorba::VxTimeSpan::_OB_unmarshal` (VxTimeSpan & `_ob_v`, OB::InputStreamImpl * `_ob_in`) [static]

3.15.3 Member Data Documentation

3.15.3.1 CORBA::Long `HxCorba::VxTimeSpan::start`

3.15.3.2 CORBA::Long `HxCorba::VxTimeSpan::end`

The documentation for this struct was generated from the following files:

- `HxCorbaVxSegmentation.h`
- `HxCorbaVxSegmentation.c`

3.16 HxCorba::DBData Struct Reference

```
#include <HxCorbaDatabaseSessions.h>
```

Public Types

- `typedef DBData_var _var_type`

Public Methods

- DBData ()
- DBData (const DBData &)
- ~DBData ()
- DBData & operator= (const DBData &)
- void `_d` (DBDataTag)
- DBDataTag `_d` () const

- **void intData (CORBA::Long)**
- **CORBA::Long intData () const**
- **void doubleData (CORBA::Double)**
- **CORBA::Double doubleData () const**
- **void stringData (char *)**
- **void stringData (const char *)**
- **void stringData (const CORBA::String_var &)**
- **const char * stringData () const**
- **void segmentation (VxSegmentation_ptr)**
- **VxSegmentation_ptr segmentation () const**
- **void segment (VxSegment_ptr)**
- **VxSegment_ptr segment () const**
- **void _OB_marshal (OB::OutputStreamImpl *) const**

Static Public Methods

- **void _OB_unmarshal (DBData &, OB::InputStreamImpl *)**

3.16.1 Member Typedef Documentation

3.16.1.1 typedef DBData_var HxCorba::DBData::_var_type

3.16.2 Constructor & Destructor Documentation

3.16.2.1 HxCorba::DBData::DBData () [inline]

3.16.2.2 HxCorba::DBData::DBData (const DBData & *_ob_d*)

3.16.2.3 HxCorba::DBData::~~DBData () [inline]

3.16.3 Member Function Documentation

3.16.3.1 HxCorba::DBData & HxCorba::DBData::operator= (const DBData & *_ob_d*)

3.16.3.2 void HxCorba::DBData::_d (DBDataTag *_ob_d*)

3.16.3.3 HxCorba::DBDataTag HxCorba::DBData::_d () const

3.16.3.4 void HxCorba::DBData::intData (CORBA::Long)

3.16.3.5 CORBA::Long HxCorba::DBData::intData () const

3.16.3.6 void HxCorba::DBData::doubleData (CORBA::Double)

3.16.3.7 CORBA::Double HxCorba::DBData::doubleData () const

3.16.3.8 void HxCorba::DBData::stringData (char *)

3.16.3.9 void HxCorba::DBData::stringData (const char *)

3.16.3.10 void HxCorba::DBData::stringData (const CORBA::String_var &)

3.16.3.11 const char* HxCorba::DBData::stringData () const

3.16.3.12 void HxCorba::DBData::segmentation (VxSegmentation_ptr)

3.16.3.13 VxSegmentation_ptr HxCorba::DBData::segmentation () const

3.16.3.14 void HxCorba::DBData::segment (VxSegment_ptr)

3.16.3.15 VxSegment_ptr HxCorba::DBData::segment () const

3.16.3.16 void HxCorba::DBData::_OB_marshal (OB::OutputStreamImpl * *_ob_out*) const

3.16.3.17 void HxCorba::DBData::_OB_unmarshal (DBData & *_ob_v*, OB::InputStreamImpl * *_ob_in*) [static]

The documentation for this struct was generated from the following files:

- HxCorbaDatabaseSessions.h

- HxCorbaDatabaseSessions.c

3.17 HxCorba::PixValue Struct Reference

```
#include <HxCorbaPixValue.h>
```

Public Types

- typedef PixValue_var _var_type

Public Methods

- void _d (PixValueTag)
- PixValueTag _d () const
- void scalarInt (CORBA::Long)
- CORBA::Long scalarInt () const
- void scalarDouble (CORBA::Double)
- CORBA::Double scalarDouble () const
- void vect2Int (const Vec2I &)
- const Vec2I & vect2Int () const
- Vec2I & vect2Int ()
- void vect2Double (const Vec2D &)
- const Vec2D & vect2Double () const
- Vec2D & vect2Double ()
- void vect3Int (const Vec3I &)
- const Vec3I & vect3Int () const
- Vec3I & vect3Int ()
- void vect3Double (const Vec3D &)
- const Vec3D & vect3Double () const
- Vec3D & vect3Double ()
- void cplx (const Complex &)
- const Complex & cplx () const
- Complex & cplx ()
- void _OB_marshal (OB::OutputStreamImpl *) const

Static Public Methods

- void _OB_unmarshal (PixValue &, OB::InputStreamImpl *)

3.17.1 Member Typedef Documentation

3.17.1.1 `typedef PixValue_var HxCorba::PixValue::_var_type`

3.17.2 Member Function Documentation

3.17.2.1 `void HxCorba::PixValue::_d (PixValueTag _ob_d)`

3.17.2.2 `HxCorba::PixValueTag HxCorba::PixValue::_d () const`

3.17.2.3 `void HxCorba::PixValue::scalarInt (CORBA::Long)`

3.17.2.4 `CORBA::Long HxCorba::PixValue::scalarInt () const`

3.17.2.5 `void HxCorba::PixValue::scalarDouble (CORBA::Double)`

3.17.2.6 `CORBA::Double HxCorba::PixValue::scalarDouble () const`

3.17.2.7 `void HxCorba::PixValue::vect2Int (const Vec2I &)`

3.17.2.8 `const Vec2I& HxCorba::PixValue::vect2Int () const`

3.17.2.9 `Vec2I& HxCorba::PixValue::vect2Int ()`

3.17.2.10 `void HxCorba::PixValue::vect2Double (const Vec2D &)`

3.17.2.11 `const Vec2D& HxCorba::PixValue::vect2Double () const`

3.17.2.12 `Vec2D& HxCorba::PixValue::vect2Double ()`

3.17.2.13 `void HxCorba::PixValue::vect3Int (const Vec3I &)`

3.17.2.14 `const Vec3I& HxCorba::PixValue::vect3Int () const`

3.17.2.15 `Vec3I& HxCorba::PixValue::vect3Int ()`

3.17.2.16 `void HxCorba::PixValue::vect3Double (const Vec3D &)`

3.17.2.17 `const Vec3D& HxCorba::PixValue::vect3Double () const`

3.17.2.18 `Vec3D& HxCorba::PixValue::vect3Double ()`

3.17.2.19 `void HxCorba::PixValue::cplx (const Complex &)`

3.17.2.20 `const Complex& HxCorba::PixValue::cplx () const`

3.17.2.21 `Complex& HxCorba::PixValue::cplx ()`

3.17.2.22 `void HxCorba::PixValue::_OB_marshall (OB::OutputStreamImpl * _ob_out) const`

3.17.2.23 `void HxCorba::PixValue::_OB_unmarshal (PixValue & _ob_v, OB::InputStreamImpl *
_ob_in) [static]`

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