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Reference Manual

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1.1 Class List

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Chapter 2

Class Documentation

2.1 GDAL_EDBFile Class Reference

Public Member Functions

- **GDAL_EDBFile** (GDALDataset *poDSIn)
- int **Close** () const
- int **GetWidth** () const
- int **GetHeight** () const
- int **GetChannels** () const
- int **GetBlockWidth** (int channel) const
- int **GetBlockHeight** (int channel) const
- eChanType **GetType** (int channel) const
- int **ReadBlock** (int channel, int block_index, void *buffer, int win_xoff, int win_yoff, int win_xsize, int win_ysize)
- int **WriteBlock** (int channel, int block_index, void *buffer)

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

- gdal_edb.cpp

2.2 PCIDSK2Band Class Reference

Public Member Functions

- **PCIDSK2Band** ([PCIDSK2Dataset](#) *, PCIDSKFile *, int)
- **PCIDSK2Band** (PCIDSKChannel *)
- virtual CPLErr **IReadBlock** (int, int, void *)
- virtual CPLErr **IWriteBlock** (int, int, void *)
- virtual int **GetOverviewCount** ()
- virtual GDALRasterBand * **GetOverview** (int)
- virtual GDALColorInterp **GetColorInterpretation** ()
- virtual GDALColorTable * **GetColorTable** ()
- virtual CPLErr **SetColorTable** (GDALColorTable *)
- virtual void **SetDescription** (const char *)
- CPLErr **SetMetadata** (char **, const char *)
- char ** **GetMetadata** (const char *)
- CPLErr **SetMetadataItem** (const char *, const char *, const char *)
- const char * **GetMetadataItem** (const char *, const char *)
- virtual char ** **GetCategoryNames** ()

Friends

- class [PCIDSK2Dataset](#)

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

- pcidskdataset2.cpp
-

2.3 PCIDSK2Dataset Class Reference

Public Member Functions

- char ** **GetFileList** (void)
- CPLErr **GetGeoTransform** (double *padfTransform)
- CPLErr **SetGeoTransform** (double *)
- const char * **GetProjectionRef** ()
- CPLErr **SetProjection** (const char *)
- CPLErr **SetMetadata** (char **, const char *)
- char ** **GetMetadata** (const char *)
- CPLErr **SetMetadataItem** (const char *, const char *, const char *)
- const char * **GetMetadataItem** (const char *, const char *)
- virtual void **FlushCache** (void)
- virtual CPLErr **IBuildOverviews** (const char *, int, int *, int, int *, GDALProgressFunc, void *)

Static Public Member Functions

- static int **Identify** (GDALOpenInfo *)
- static GDALDataset * **Open** (GDALOpenInfo *)
- static GDALDataset * **LLOpen** (const char *pszFilename, PCIDSK::PCIDSKFile *, GDALAccess eAccess)
- static GDALDataset * **Create** (const char *pszFilename, int nXSize, int nYSize, int nBands, GDALDataType eType, char **papszParmList)

Friends

- class [PCIDSK2Band](#)

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

- pcidskdataset2.cpp
-

2.4 PCIDSKDataset Class Reference

Public Member Functions

- virtual void **FlushCache** (void)
- CPLErr **GetGeoTransform** (double *padfTransform)
- virtual CPLErr **SetGeoTransform** (double *)
- const char * **GetProjectionRef** ()
- virtual CPLErr **SetProjection** (const char *)
- virtual int **GetGCPCount** ()
- virtual const char * **GetGCPProjection** ()
- virtual const GDAL_GCP * **GetGCPs** ()
- int **SegRead** (int nSegment, vsi_l_offset nOffset, int nSize, void *pBuffer)

Static Public Member Functions

- static int **Identify** (GDALOpenInfo *)
- static GDALDataset * **Open** (GDALOpenInfo *)
- static GDALDataset * **Create** (const char *pszFilename, int nXSize, int nYSize, int nBands, GDALDataType eType, char **papszParmList)
- static GDALDataset * **CreateCopy** (const char *pszFilename, GDALDataset *poSrcDS, int bStrict, char **papszOptions, GDALProgressFunc pfnProgress, void *pProgressData)

Friends

- class [PCIDSKRawRasterBand](#)
- class [PCIDSKTiledRasterBand](#)

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

- gdal_pcidsk.h
 - pcidskdataset.cpp
-

2.5 PCIDSKRawRasterBand Class Reference

Public Member Functions

- **PCIDSKRawRasterBand** (GDALDataset *poDS, int nBand, VSILFILE *fpRaw, vsi_l_offset nImgOffset, int nPixelOffset, int nLineOffset, GDALDataType eDataType, int bNativeOrder)
- virtual int **GetOverviewCount** ()
- virtual GDALRasterBand * **GetOverview** (int iOverview)

Friends

- class [PCIDSKDataset](#)

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

- gdal_pcidsk.h

2.6 PCIDSKTiledRasterBand Class Reference

Public Member Functions

- **PCIDSKTiledRasterBand** ([PCIDSKDataset](#) *, int, int)
- virtual CPLErr **IReadBlock** (int, int, void *)
- int **SysRead** (vsi_l_offset nOffset, int nSize, void *)
- virtual int **GetOverviewCount** ()
- virtual GDALRasterBand * **GetOverview** (int iOverview)

Friends

- class [PCIDSKDataset](#)

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

- gdal_pcidsk.h
 - pcidsktiledrasterband.cpp
-

2.7 VSI_IOInterface Class Reference

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

- vsi_pcidsk_io.cpp