

My Project

Contents

1	Hierarchical Index	1
1.1	Class Hierarchy	1
2	Class Index	3
2.1	Class List	3
3	Class Documentation	5
3.1	GDAL_EDBFile Class Reference	5
3.2	OGRPCIDSKLayer Class Reference	5
3.3	PCIDSK2Band Class Reference	6
3.4	PCIDSK2Dataset Class Reference	7
3.5	VSI_IOInterface Class Reference	8
	Index	9

Chapter 1

Hierarchical Index

1.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

GDALPamDataset	
PCIDSK2Dataset	7
GDALPamRasterBand	
PCIDSK2Band	6
OGRLayer	
OGRPCIDSKLayer	5
EDBFile	
GDAL_EDBFile	5
IOInterfaces	
VSI_IOInterface	8

Chapter 2

Class Index

2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

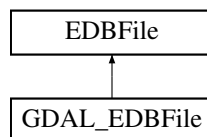
GDAL_EDBFile	5
OGRPCIDSKLayer	5
PCIDSK2Band	6
PCIDSK2Dataset	7
VSI_IOInterface	8

Chapter 3

Class Documentation

3.1 GDAL_EDBFile Class Reference

Inheritance diagram for GDAL_EDBFile:



Public Member Functions

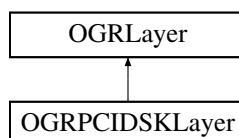
- **GDAL_EDBFile** (GDALDataset *poDSIn)
- int **Close** () const override
- int **GetWidth** () const override
- int **GetHeight** () const override
- int **GetChannels** () const override
- int **GetBlockWidth** (int channel) const override
- int **GetBlockHeight** (int channel) const override
- eChanType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

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

- gdal_edb.cpp

3.2 OGRPCIDSKLayer Class Reference

Inheritance diagram for OGRPCIDSKLayer:



Public Member Functions

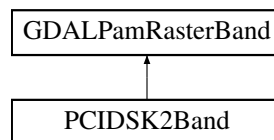
- **OGRPCIDSKLayer** (PCIDSK::PCIDSKSegment *, PCIDSK::PCIDSKVectorSegment *, bool bUpdate)
- void **ResetReading** () override
- OGRFeature * **GetNextFeature** () override
- OGRFeature * **GetFeature** (GIntBig nFeatureId) override
- virtual OGRErr **ISetFeature** (OGRFeature *poFeature) override
- OGRFeatureDefn * **GetLayerDefn** () override
- int **TestCapability** (const char *) override
- OGRErr **DeleteFeature** (GIntBig nFID) override
- virtual OGRErr **ICreateFeature** (OGRFeature *poFeature) override
- virtual OGRErr **CreateField** (OGRFieldDefn *poField, int bApproxOK=TRUE) override
- GIntBig **GetFeatureCount** (int) override
- OGRErr **GetExtent** (OGREnvelope *psExtent, int bForce) override
- virtual OGRErr **GetExtent** (int iGeomField, OGREnvelope *psExtent, int bForce) override

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

- pcidskdataset2.h
- ogrpcidsklayer.cpp

3.3 PCIDSK2Band Class Reference

Inheritance diagram for PCIDSK2Band:



Public Member Functions

- **PCIDSK2Band** (PCIDSK::PCIDSKFile *poFileIn, PCIDSK::PCIDSKChannel *poChannelln)
- **PCIDSK2Band** (PCIDSK::PCIDSKChannel *)
- virtual CPLErr **IReadBlock** (int, int, void *) override
- virtual CPLErr **IWriteBlock** (int, int, void *) override
- virtual int **GetOverviewCount** () override
- virtual GDALRasterBand * **GetOverview** (int) override
- virtual GDALColorInterp **GetColorInterpretation** () override
- virtual GDALColorTable * **GetColorTable** () override
- virtual CPLErr **SetColorTable** (GDALColorTable *) override
- virtual void **SetDescription** (const char *) override
- virtual char ** **GetMetadataDomainList** () override
- CPLErr **SetMetadata** (char **, const char *) override
- char ** **GetMetadata** (const char *) override
- CPLErr **SetMetadataItem** (const char *, const char *, const char *) override
- const char * **GetMetadataItem** (const char *, const char *) override
- virtual char ** **GetCategoryNames** () override

Friends

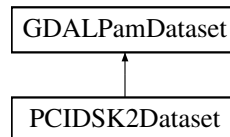
- class **PCIDSK2Dataset**

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

- pcidskdataset2.h
- pcidskdataset2.cpp

3.4 PCIDSK2Dataset Class Reference

Inheritance diagram for PCIDSK2Dataset:



Public Member Functions

- char ** **GetFileList** () override
- CPLErr **GetGeoTransform** (double *padfTransform) override
- CPLErr **SetGeoTransform** (double *) override
- const char * **GetProjectionRef** () override
- CPLErr **SetProjection** (const char *) override
- virtual char ** **GetMetadataDomainList** () override
- CPLErr **SetMetadata** (char **, const char *) override
- char ** **GetMetadata** (const char *) override
- CPLErr **SetMetadataItem** (const char *, const char *, const char *) override
- const char * **GetMetadataItem** (const char *, const char *) override
- virtual void **FlushCache** () override
- virtual CPLErr **IBuildOverviews** (const char *, int, int *, int, int *, GDALProgressFunc, void *) override
- virtual int **GetLayerCount** () override
- virtual OGRLayer * **GetLayer** (int) override
- virtual int **TestCapability** (const char *) override
- virtual OGRLayer * **ICreateLayer** (const char *, OGRSpatialReference *, OGRwkbGeometryType, char **) override

Static Public Member Functions

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

Friends

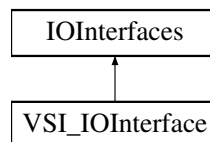
- class **PCIDSK2Band**

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

- pcidskdataset2.h
- pcidskdataset2.cpp

3.5 VSI_IOInterface Class Reference

Inheritance diagram for VSI_IOInterface:



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

- vsi_pcidsk_io.cpp

Index

GDAL_EDBFile, [5](#)

OGRPCIDSKLayer, [5](#)

PCIDSK2Band, [6](#)

PCIDSK2Dataset, [7](#)

VSI_IOInterface, [8](#)