

My Project



# Contents

<b>1</b>	<b><a href="#">Hierarchical Index</a></b>	<b>1</b>
1.1	<a href="#">Class Hierarchy</a>	1
<b>2</b>	<b><a href="#">Class Index</a></b>	<b>3</b>
2.1	<a href="#">Class List</a>	3
<b>3</b>	<b><a href="#">Class Documentation</a></b>	<b>5</b>
3.1	<a href="#">GDAL_EDBFile Class Reference</a>	5
3.2	<a href="#">OGRPCIDSKLayer Class Reference</a>	5
3.3	<a href="#">PCIDSK2Band Class Reference</a>	6
3.4	<a href="#">PCIDSK2Dataset Class Reference</a>	7
3.5	<a href="#">PCIDSKDataset Class Reference</a>	8
3.6	<a href="#">PCIDSKRawRasterBand Class Reference</a>	8
3.7	<a href="#">PCIDSKTiledRasterBand Class Reference</a>	9
3.8	<a href="#">VSI_IOInterface Class Reference</a>	9
	<b><a href="#">Index</a></b>	<b>11</b>



# Chapter 1

## Hierarchical Index

### 1.1 Class Hierarchy

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

EDBFile	
GDAL_EDBFile . . . . .	5
GDALPamDataset	
PCIDSK2Dataset . . . . .	7
GDALPamRasterBand	
PCIDSK2Band . . . . .	6
PCIDSKTiledRasterBand . . . . .	9
IOInterfaces	
VSI_IOInterface . . . . .	9
OGRLayer	
OGRPCIDSKLayer . . . . .	5
RawDataset	
PCIDSKDataset . . . . .	8
RawRasterBand	
PCIDSKRawRasterBand . . . . .	8



## Chapter 2

# Class Index

### 2.1 Class List

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

<a href="#">GDAL_EDBFile</a>	5
<a href="#">OGRPCIDSKLayer</a>	5
<a href="#">PCIDSK2Band</a>	6
<a href="#">PCIDSK2Dataset</a>	7
<a href="#">PCIDSKDataset</a>	8
<a href="#">PCIDSKRawRasterBand</a>	8
<a href="#">PCIDSKTiledRasterBand</a>	9
<a href="#">VSI_IOInterface</a>	9



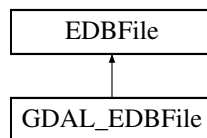


## Chapter 3

# Class Documentation

### 3.1 GDAL\_EDBFile Class Reference

Inheritance diagram for GDAL\_EDBFile:



#### Public Member Functions

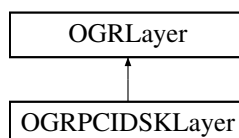
- **GDAL\_EDBFile** (GDALDataset \*poDSIn)
- int **Close** () const
- int **GetWidth** () const
- int **GetHeight** () const
- int **GetChannels** () const
- int **GetBlockWidth** (int channel) const
- int **GetBlockHeight** (int channel) const
- eChanType **GetType** (int channel) const
- int **ReadBlock** (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

### 3.2 OGRPCIDSKLayer Class Reference

Inheritance diagram for OGRPCIDSKLayer:



## Public Member Functions

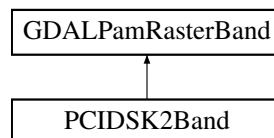
- **OGRPCIDSKLayer** (PCIDSK::PCIDSKSegment \*, bool bUpdate)
- void **ResetReading** ()
- OGRFeature \* **GetNextFeature** ()
- OGRFeature \* **GetFeature** (GIntBig nFeatureId)
- virtual OGRErr **ISetFeature** (OGRFeature \*poFeature)
- OGRFeatureDefn \* **GetLayerDefn** ()
- int **TestCapability**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

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** ([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 \*)
- virtual char \*\* **GetMetadataDomainList** ()
- 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

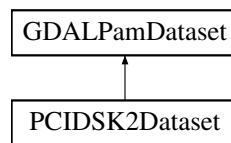
- class **PCIDSK2Dataset**

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

- pcidskdataset2.h
- pcidskdataset2.cpp

## 3.4 PCIDSK2Dataset Class Reference

Inheritance diagram for PCIDSK2Dataset:



## Public Member Functions

- char \*\* **GetFileList** (void)
- CPLErr **GetGeoTransform** (double \*padfTransform)
- CPLErr **SetGeoTransform** (double \*)
- const char \* **GetProjectionRef** ()
- CPLErr **SetProjection** (const char \*)
- virtual char \*\* **GetMetadataDomainList** ()
- 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 \*)
- virtual int **GetLayerCount** ()
- virtual OGRLayer \* **GetLayer** (int)
- virtual int **TestCapability** (const char \*)
- virtual OGRLayer \* **ICreateLayer** (const char \*, OGRSpatialReference \*, OGRwkbGeometryType, char \*\*)

## Static Public Member Functions

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

## Friends

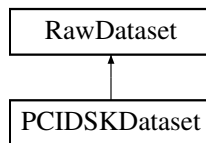
- class **PCIDSK2Band**

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

- pcidskdataset2.h
- pcidskdataset2.cpp

### 3.5 PCIDSKDataset Class Reference

Inheritance diagram for PCIDSKDataset:



#### 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

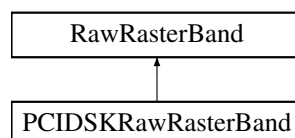
- class **PCIDSKRawRasterBand**
- class **PCIDSKTiledRasterBand**

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

- gdal\_pcidsk.h
- pcidskdataset.cpp

### 3.6 PCIDSKRawRasterBand Class Reference

Inheritance diagram for PCIDSKRawRasterBand:



## 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

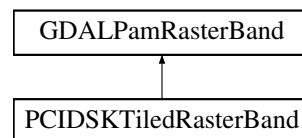
- class **PCIDSKDataset**

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

- gdal\_pcidsk.h

## 3.7 PCIDSKTiledRasterBand Class Reference

Inheritance diagram for PCIDSKTiledRasterBand:



## 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

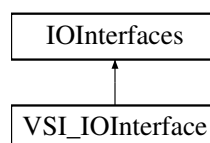
- class **PCIDSKDataset**

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

- gdal\_pcidsk.h
- pcidsktiledrasterband.cpp

## 3.8 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](#)

PCIDSKDataset, [8](#)

PCIDSKRawRasterBand, [8](#)

PCIDSKTiledRasterBand, [9](#)

VSI\_IOInterface, [9](#)