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1: #*****
2: # $Id: gdalconst.py 9355 2006-03-21 21:54:00Z fwarmerdam $
3: #
4: # Name: gdalconst.py
5: # Project: GDAL Python Interface
6: # Purpose: GDAL Constants Definitions
7: # Author: Frank Warmerdam, warmerdam@pobox.com
8: #
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29: #*****
30:
31: # GDALDataType
32: GDT_Unknown = 0
33: GDT_Byte = 1
34: GDT_UInt16 = 2
35: GDT_Int16 = 3
36: GDT_UInt32 = 4
37: GDT_Int32 = 5
38: GDT_Float32 = 6
39: GDT_Float64 = 7
40: GDT_CInt16 = 8
41: GDT_CInt32 = 9
42: GDT_CFloat32 = 10
43: GDT_CFloat64 = 11
44: GDT_TypeCount = 12
45:
46: # GDALAccess
47: GA_ReadOnly = 0
48: GA_Update = 1
49:
50: # GDALRWFlag
51: GF_Read = 0
52: GF_Write = 1
53:
54: # GDALColorInterp
55: GCI_Undefined=0
56: GCI_GrayIndex=1
57: GCI_PaletteIndex=2
58: GCI_RedBand=3
59: GCI_GreenBand=4
60: GCI_BlueBand=5
61: GCI_AlphaBand=6
62: GCI_HueBand=7
63: GCI_SaturationBand=8
64: GCI_LightnessBand=9
65: GCI_CyanBand=10
66: GCI_MagentaBand=11
67: GCI_YellowBand=12
68: GCI_BlackBand=13
69:
70: # GDALResampleAlg
71:
72: GRA_NearestNeighbour = 0
73: GRA_Bilinear = 1
74: GRA_Cubic = 2
75: GRA_CubicSpline = 3
76:
77: # GDALPaletteInterp
78: GPI_Gray=0
79: GPI_RGB=1
80: GPI_CMYK=2
81: GPI_HLS=3
82:
83: CXT_Element=0
84: CXT_Text=1
85: CXT_Attribute=2
86: CXT_Comment=3
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87: CXT_Literal=4
88:
89: # Error classes
90:
91: CE_None = 0
92: CE_Debug = 1
93: CE_Warning = 2
94: CE_Failure = 3
95: CE_Fatal = 4
96:
97: # Error codes
98:
99: CPLE_None = 0
100: CPLE_AppDefined = 1
101: CPLE_OutOfMemory = 2
102: CPLE_FileIO = 3
103: CPLE_OpenFailed = 4
104: CPLE_IllegalArg = 5
105: CPLE_NotSupported = 6
106: CPLE_AssertionFailed = 7
107: CPLE_NoWriteAccess = 8
108: CPLE_UserInterrupt = 9
109:
110: DMD_LONGNAME = "DMD_LONGNAME"
111: DMD_HELPTOPIC = "DMD_HELPTOPIC"
112: DMD_MIMETYPE = "DMD_MIMETYPE"
113: DMD_EXTENSION = "DMD_EXTENSION"
114: DMD_CREATIONOPTIONLIST = "DMD_CREATIONOPTIONLIST"
115: DMD_CREATIONDATATYPES = "DMD_CREATIONDATATYPES"
116:
117: DCAP_CREATE = "DCAP_CREATE"
118: DCAP_CREATECOPY = "DCAP_CREATECOPY"
119:
120: CPLES_BackslashQuotable = 0
121: CPLES_XML = 1
122: CPLES_URL = 2
123: CPLES_SQL = 3
124: CPLES_CSV = 4
125:
```