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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
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8: #
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29: #*****
30:
31:
32: # GDALDataType
33:
34: GDT_Unknown = 0
35: GDT_Byte = 1
36: GDT_UInt16 = 2
37: GDT_Int16 = 3
38: GDT_UInt32 = 4
39: GDT_Int32 = 5
40: GDT_Float32 = 6
41: GDT_Float64 = 7
42: GDT_CInt16 = 8
43: GDT_CInt32 = 9
44: GDT_CFloat32 = 10
45: GDT_CFloat64 = 11
46: GDT_TypeCount = 12
47:
48:
49: # GDALAccess
50:
51: GA_ReadOnly = 0
52: GA_Update = 1
53:
54:
55: # GDALRWFlag
56:
57: GF_Read = 0
58: GF_Write = 1
59:
60:
61: # GDALColorInterp
62:
63: GCI_Undefined=0
64: GCI_GrayIndex=1
65: GCI_PaletteIndex=2
66: GCI_RedBand=3
67: GCI_GreenBand=4
68: GCI_BlueBand=5
69: GCI_AlphaBand=6
70: GCI_HueBand=7
71: GCI_SaturationBand=8
72: GCI_LightnessBand=9
73: GCI_CyanBand=10
74: GCI_MagentaBand=11
75: GCI_YellowBand=12
76: GCI_BlackBand=13
77:
78:
79: # GDALResampleAlg
80:
81: GRA_NearestNeighbour = 0
82: GRA_Bilinear = 1
83: GRA_Cubic = 2
84: GRA_CubicSpline = 3
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85:
86:
87: # GDALPaletteInterp
88:
89: GPI_Gray=0
90: GPI_RGB=1
91: GPI_CMYK=2
92: GPI_HLS=3
93:
94: CXT_Element=0
95: CXT_Text=1
96: CXT_Attribute=2
97: CXT_Comment=3
98: CXT_Literal=4
99:
100:
101: # Error classes
102:
103: CE_None = 0
104: CE_Debug = 1
105: CE_Warning = 2
106: CE_Failure = 3
107: CE_Fatal = 4
108:
109:
110: # Error codes
111:
112: CPLE_None = 0
113: CPLE_AppDefined = 1
114: CPLE_OutOfMemory = 2
115: CPLE_FileIO = 3
116: CPLE_OpenFailed = 4
117: CPLE_IllegalArg = 5
118: CPLE_NotSupported = 6
119: CPLE_AssertionFailed = 7
120: CPLE_NoWriteAccess = 8
121: CPLE_UserInterrupt = 9
122:
123:
124: DMD_LONGNAME = "DMD_LONGNAME"
125: DMD_HELPTOPIC = "DMD_HELPTOPIC"
126: DMD_MIMETYPE = "DMD_MIMETYPE"
127: DMD_EXTENSION = "DMD_EXTENSION"
128: DMD_CREATIONOPTIONLIST = "DMD_CREATIONOPTIONLIST"
129: DMD_CREATIONDATATYPES = "DMD_CREATIONDATATYPES"
130:
131: DCAP_CREATE = "DCAP_CREATE"
132: DCAP_CREATECOPY = "DCAP_CREATECOPY"
133:
134: CPLES_BackslashQuotable = 0
135: CPLES_XML = 1
136: CPLES_URL = 2
137: CPLES_SQL = 3
138: CPLES_CSV = 4
139:
```