
Subject: Re: IDL-Python bridge with GDAL/OGR
Posted by [Jim Pendleton](#) on Fri, 30 Sep 2016 18:52:16 GMT
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On Friday, September 30, 2016 at 12:21:16 PM UTC-6, Gordon Farquharson wrote:

> OK. I think I figured it out.

>

> IDL> osr.SpatialReference.ImportFromProj4(srs, '+proj=utm +zone=10 +ellps=WGS84
+datum=WGS84 +units=m +no_defs')

> 0

> IDL> osr.SpatialReference.ExportToWkt(srs)

> PROJCS["UTM Zone 10, Northern Hemisphere",GEOGCS["WGS

84",DATUM["WGS_1984",SPHEROID["WGS

84",6378137,298.257223563,AUTHORITY["EPSG","7030"]],TOWGS84[0,0,0,0,0,0,0],AUTHORIT

Y["EPSG","6326"],PRIMEM["Greenwich",0,AUTHORITY["EPSG",

"8901"],UNIT["degree",0.0174532925199433,AUTHORITY["EPSG

","9108"],AUTHORITY["EPSG","4326"]],PROJECTION["Transverse_Mercator

"],PARAMETER["latitude_of_origin",0],PARAMETER["central_meridian

",-123],PARAMETER["scale_factor",0.9996],PARAMETER["false_easting

","500000],PARAMETER["false_northing",0],UNIT["Meter",1]]

>

> But, I'm confused. Why can't I call methods of the srs object, like one does on Python?

>

> Gordon

Instead of the syntax

IDL> srs = osr.SpatialReference()

what if you try the following?

IDL> srs = osr.SpatialReference

The error message indicates that by calling the object creation, you're getting a reference to the proxy SWIG object instead of a reference the underlying python object.

Just a guess.

Jim P.
