
Subject: Re: IDL-Python bridge with GDAL/OGR
Posted by [Gordon Farquharson](#) on Fri, 30 Sep 2016 19:02:22 GMT
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Hi Jim

Thanks for the suggestion.

On Friday, September 30, 2016 at 11:52:30 AM UTC-7, Jim P wrote:

```
> 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.
```

Your idea makes a difference, but results in a different error:

```
IDL> srs = osr.SpatialReference
IDL> srs
<class 'osgeo.osr.SpatialReference'>
IDL> srs.ImportFromProj4('+proj=utm +zone=10 +ellps=WGS84 +datum=WGS84 +units=m
+no_defs')
% PYTHON_CALLMETHOD: Exception: unbound method ImportFromProj4() must be
called with SpatialReference instance as first
argument (got str instance instead).
IDL> srs.ImportFromProj4(srs, '+proj=utm +zone=10 +ellps=WGS84 +datum=WGS84 +units=m
+no_defs')
% PYTHON_CALLMETHOD: Exception: unbound method ImportFromProj4() must be
called with SpatialReference instance as first
argument (got type instance instead).
```

There seem to be subtleties of the IDL-Python bridge that I do not understand.

Gordon
