
Subject: GDAL spawn library conflict

Posted by [Christopher Anderson](#) on Tue, 22 Dec 2015 22:23:22 GMT

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Hello,

I am trying to use IDL's spawn to call OGR/GDAL binaries but am experiencing some conflicts in the libraries IDL points to. It will call the executable I want, but it finds OGR/GDAL library references that were not part of the current GDAL build. They appear to be the ones that come installed with IDL. An example:

```
$ ogrinfo -al all_calibration_plots.shp | head -5
INFO: Open of `all_calibration_plots.shp'
      using driver `ESRI Shapefile' successful.
```

```
Layer name: all_calibration_plots
Geometry: Polygon
Feature Count: 81
```

```
$ idl
IDL> spawn,'ogrinfo -al all_calibration_plots.shp | head -5'
ogrinfo: /usr/local/itt/idl/idl80/bin/bin.linux.x86_64/libgdal.so.1: no version information available
(required by ogrinfo)
ERROR 1: ogrinfo was compiled against GDAL 1.10 but current library version is 1.6
```

Any way to get around this? I'm guessing its a path reference we need to change somewhere.
