
Subject: Re: accessing IDL internal (aka "built-in") routines
Posted by [Tom Van Niel](#) on Thu, 30 Jan 2014 06:08:50 GMT
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Hi Everyone,

Thanks Haje, Luke, and Mike for posting on this topic. The solution we came up with turns out to be quite simple. We installed GDAL and access 'gdalwarp' using 'spawn' from GDL, thus bypassing the need to use IDL internal routines for re-projecting altogether. For example from the GDL prompt to re-project a MODIS image from geographic projection (Lat/Lons) to GDA94 MGA Zone 55 (i.e., ~ UTM 55S):

```
GDL> infn = '/tmp/MOD09GA.hdf'
GDL> outfn = '/tmp/MOD09GA_MGA55.tif'
GDL> EPSG='EPSG:28355'
GDL> spawn, 'gdalwarp -t_srs '+ EPSG + ' '+infn + ' ' + outfn
```

Cheers,
Tom
