
Subject: Re: Overlay images from WMS servers (web mapping servers) on map projections

Posted by [liamgumley](#) on Wed, 08 Feb 2006 15:31:18 GMT

[View Forum Message](#) <> [Reply to Message](#)

Jan,

I encourage you to pursue the MAP_PROJ_INIT solution, since it is much more robust than MAP_SET. I'm not familiar with the projection you mention, but here is how I create a UTM projection to match up with a GeoTIFF image:

```
; Create graphics window
window, /free, xsize=600, ysize=800
```

```
; Define map projection
map = map_proj_init('UTM', limit=[10.15, -78.77, 29.87, -95.29],
zone=16)
```

```
; Configure direct graphics data coordinates to match map projection
plot, map.uv_box[[0, 2]], map.uv_box[[1, 3]], position=[0.0, 0.0, 1.0,
1.0], $
/nodata, /isotropic, xstyle=5, ystyle=5, /noerase
```

```
; Plot continent outlines
map_continents, map=map
```

Cheers,

Liam.

Practical IDL Programming

<http://www.gumley.com/>
