
Subject: map_set issue

Posted by [Reimar Bauer](#) on Tue, 27 Sep 2011 15:05:48 GMT

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Hi

another edge case with projections and wanted output - or not.

```
pro map_problem
p0lat = 0
p0lon = 180
rot = 0
struct=create_struct('CON_COLOR', 12, $
    'MLINETHICK', 2, $
    'MLINESTYLE', 0, $
    'E_CONTINENTS', create_struct('FILL_CONTINENTS', 1,
'COLOR', 12), $
    'ISOTROPIC', 0, $
    'CENTRAL_AZIMUTH', 0.E, $
    'CLIP', 1, $
    'CONTINENTS', 1, $
    'HIRES', 0, $
    'NOERASE', 0, $
    'NOBORDER', 0, $
    'CHARSIZE', 1.1894189E, $
    'POSITION', [0.067340069E,0.2857143E,0.80808079E,
0.80238092E], $
    'LIMIT', [0.0E,-180E,90.E, 180E], $
    'CYLINDRICAL', 1, $
    'title', " ")
```

```
map_set, p0lat, p0lon, rot, _extra=struct , grid=0
; "Greenwich, London"
plots, 0, 51.48, psym=1, symsize=0.5
```

```
; "Sri Lanka"
plots, 80.84, 7.36, psym=1, symsize=0.5
```

END

No warning, no error message, just more water than expected or england smaller than sri lanka.

If one changes p0lon to 177 it looks better. But don't try it with clip=0.

cheers
Reimar
