
Subject: Any alternative to TRIANGULATE/TRIGRID for images?

Posted by [gumley](#) on Tue, 30 Aug 1994 19:28:38 GMT

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Hi folks,

Thanks to Mike Schienle, I worked out how to display an image (with lat/lon coordinates defined for each pixel) on a map base, using

```
triangulate  
trigrd  
map_image
```

However triangulate seems to be taking up a lot of memory and consequently crashing IDL when I use medium/large remote sensing images (> 200000 pixels). My SGI has 96 MB of physical RAM.

Has anyone come up with a more space/time efficient way of resampling images to a regular lat/lon grid? I didn't see another IDL built-in routine or userlib routine that would handle this problem.

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