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Subject: Map an image onto a sphere

Posted by [joellama](#) on Mon, 11 May 2015 18:22:59 GMT

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Hi all,

I'm sure this has been answered before but I can't find the answer. I have an array that is 360 x 180 and I want to project it onto a sphere for display purposes. I've had success using the Mollweide projection with the documentation

```
arr = randomu(seed, [360, 180])
mollmap = IMAGE(arr, $
  LIMIT=[-90,-180,90,180], GRID_UNITS=2, $
  IMAGE_LOCATION=[-180,-90], IMAGE_DIMENSIONS=[360,180], $
  MAP_PROJECTION='Mollweide', rgb_table=13)
```

But I can't seem to change it so that the projection is onto a sphere instead. Any help would be greatly appreciated. I would also ideally like to be able to specify the central longitude and latitude.

Thanks!

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