
Subject: change pixel scale

Posted by [spasoklampanas](#) on Sat, 26 May 2012 11:46:20 GMT

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Hi

I have some fits files (astronomy images) that have a different pixel scale. How is it possible to bring them on the same pixel scale? The given routine of degrade is not suitable, since it degrades the image resolution by a factor of two, which is not my case.

Thanks a lot.

Subject: Re: change pixel scale

Posted by [rahmani.sahar](#) on Tue, 01 Oct 2013 22:54:50 GMT

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Just to sound even more stupid now I got this error message:

```
% HASTROM: ERROR - No overlap found between original and reference images
```

```
% HASTROM: Be sure you have the right headers and the right equinoxes
```

```
% Compiled module: WRITEFITS.
```

The Galactic coordinates of the cloud are the same. On ds9 I put the cursor at the centre of the cloud and on both cases the galactic latitude and longitude are the same. What is my mistake though?

I think you should check both headers in files. probably they are not in same regions. because hastrom aligns images so if there is no overlap between maps you cannot use it.

you can try frebin or congrid. they might help
