
Subject: FITS image with RA and DEC axis
Posted by [stebia](#) on Tue, 30 Nov 2004 16:19:11 GMT
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Ciao,

I'm a newbie in IDL, but I have just finished a one-week intensive course with David (maybe you recall me...) and now I want to experiment!

I have a simple practical task to perform.

I have a fits astronomical image. I just want to zoom it as I like and then overplot on it x and y axis with the correct RA and DEC coordinates as read from the header. It's something that can be easily done with packages like ds9, but I don't like the result so much and you can't change some default choices. I know there are some tools that convert image pixels in RA and DEC reading from the header, but I would like the entire axis to be plot. You could do it recursively for every point, but I'm not sure how to preserve this info if you zoom the image. Moreover, I wonder if someone already has a procedure ready for that. It should be easy.

For example, the ATV image displayer is perfect for my purposes, because it allows you to manipulate the fits image as you want, but it lacks this function: there's no way to plot RA and DEC axis.

What do you think?

Thanks,

Stefano
