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Subject: Zoom out of astronomical image preserving header info

Posted by [burkina](#) on Thu, 17 Feb 2005 13:59:05 GMT

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Ciao,

I need to zoom out an astronomical image, in order to make it visible a part of the sky which is NOT included in the image itself. In other words, I need to display the original image in a smaller region of the picture and the rest is black. BUT, I need to preserve the RA and DEC coordinates in the black part of the picture, because I have to draw a box at certain coordinates to show that it is well outside the original image. Moreover, I need to put RA and DEC axis (as it's done with imcontour), BUT for all the total picture, not only the original image. I hope it's clear! In any case, I've done it succesfully with ds9, so that I can show what I want to you, but in IDL the result can be much better!

Thank you very much,

Stefano

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