
Subject: Re: looking for code

Posted by [Christian Soeller](#) on Thu, 05 Sep 1996 07:00:00 GMT

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John Keck <jwk@phys.columbia.edu> writes:

> 1. given the RA and Dec of a star, return the altitude and azimuth

You might have a look at the IDL astronomy library if there is something like that already there at

<http://idlastro.gsfc.nasa.gov/homepage.html>

> 2. graphic editing (paint, flood fill, zoom, etc.)

A seedfill routine and maybe other graphics related stuff is contained in the JHU/APL/S1R IDL Library. See <ftp://fermi.jhuapl.edu/www/s1r/idl/idl.html>.

> 3. Display JPEGs

You can read and write JPEGs using idl procs `read_jpeg` and `write_jpeg`. See user guide chapter 16 (Image Display Routines) how to display them on your graphics device once they are read into idl arrays.

Regards,

Christian

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Subject: Re: looking for code

Posted by [John Keck](#) on Mon, 09 Sep 1996 07:00:00 GMT

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Christian Soeller wrote:

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Christian,

Thanks for your reply. One would certainly expect such a routine to be present in the astronomy library, and in fact it's the first place I looked. It's quite surprising, but, unfortunately, I found no such

routines here. Perhaps you can point out a specific routine that I have overlooked. Otherwise, my search continues.

Thanks also for your other two indications. I will look into them.

John Keck
