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Subject: profiles.pro rescued from the heap  
Posted by [Ken G](#) on Wed, 06 Sep 2006 06:00:58 GMT  
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If anyone besides me is still using the very old, yet convenient, direct-graphics, IDL library command "profiles.pro" to interactively find the positions or intensity values within images, using Mac OS X, you may have noticed that the command has been broken for a while. I finally got annoyed enough to investigate and I traced the problem to the cursor command.

Specifically, cursor in OS X, no longer functions properly when there is any kind of non-zero wait value. But the profiles.pro procedure will work just fine if the waits are turned off.

So, here is a link to a modified version.

<http://lbl-mug.lbl.gov/idl/>

If you'd like to use it, there are at least two ways to do so. If your path includes your own IDL procedure directories before the IDL built-in lib directory, then your own version of profiles.pro will be loaded instead of the one from RSI. In that case, copy the linked text and save it into a text file called "profiles.pro". Put it with your own IDL library files.

Alternately, you could copy the text into a file with a different name (myprofiles.pro) and also modify the line that contains the procedure name to match. (i.e. change "pro profiles..." to "pro myprofiles...").

There's also "tvprofiles.pro" which tvscl's the image before running profiles.pro

There may be some clever way to restore the old functionality, I suppose, but these fixes will work for now.

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