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Subject: IDL Astron Library now uses Coyote Graphics  
Posted by [wlandsman](#) on Wed, 02 Mar 2011 21:30:25 GMT  
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I have updated 21 plotting routines in the IDL Astron Library (<http://idlastro.gsfc.nasa.gov>) to use the Coyote Graphics routines ( [http://www.idlcoyote.com/graphics\\_tips/coyote\\_graphics.html](http://www.idlcoyote.com/graphics_tips/coyote_graphics.html) ) internally. The list of updated routines includes `al_legend.pro`, `ploterror.pro`, `multiplot.pro`, `tvcircle.pro`, `partvelvec.pro` and `histogauss.pro`.

The subset of Coyote graphics routines needed to run these procedures is included in the Astron library distribution  
( <http://idlastro.gsfc.nasa.gov/ftp/pro/coyote/> ). However, I encourage users to delete this directory, and download the entire Coyote library directly.

Among the new features are the ability to specify color by name, to plot to a resizable graphics window by specifying `/WINDOW`, and to have plots to the screen appear as they would in postscript. A consequence of the last feature is that the default plot setup is now black on a white background. (I expect to get a bit of grief about this change.) Otherwise, legacy programs that use these procedures should work as before. --Wayne

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