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Subject: Re: Coyote Graphics Raster File Output  
Posted by [David Fanning](#) on Tue, 03 Apr 2012 18:53:34 GMT  
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David Fanning writes:

> To address this problem, I have added a new IM\_WIDTH  
> keyword to PS\_END. With this keyword, you can specify  
> the final output width of raster file output created  
> with ImageMagick. For example, these commands will  
> now result in an output PNG file that is exactly 800  
> pixels wide:  
>  
> PS\_Start  
> cgHistoplot, cgDemodata(7), /Fill  
> PS\_End, /PNG, IM\_WIDTH=800

Actually, as I discovered when I sat down to write an article about this, the keyword to PS\_END is WIDTH, not IM\_WIDTH. You \*do\* however, set the default values for the width of raster output with the IM\_WIDTH keyword to cgWindow\_SetDefs and cgControl, as described.

Also, when I was writing the article, I thought it would be a good idea to add an OUTPUT keyword to cgControl, which can be used to select the specific kind of output you desire in exactly the same way you would select output on a cgPlot command. In other words, the OUTPUT keyword is now a short hand way to set the Create\_PNG, Create\_JPEG, Create\_PS, etc. keywords to cgControl.

```
cgControl, OUTPUT='myplot.png'
```

This new functionality is here:

<http://www.idlcoyote.com/programs/cgcontrol.pro>

The article that describes how to set the raster file width is here:

[http://www.idlcoyote.com/cg\\_tips/rasterdims.php](http://www.idlcoyote.com/cg_tips/rasterdims.php)

Cheers,

David

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