
Subject: PNG output quality degraded after RHEL6 patch
Posted by [Paul Van Delst\[1\]](#) on Mon, 16 Dec 2013 16:38:39 GMT
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Hello,

Disclaimer: I don't think this is an IDL issue, but a PNG (or other) system library issue.

My linux (RHEL6) box got patched the other day and, since then, I've noticed the quality/resolution of the PNG output (via the plot Save method) has degraded.

An example of the plot.Save created graphics post-update is shown here:
http://ftp.emc.ncep.noaa.gov/jcsda/CRTM/.plots/test_png-save.png

A screen capture of the IDL plot window using ImageMagick's import command is shown here:
http://ftp.emc.ncep.noaa.gov/jcsda/CRTM/.plots/test_png-screenshot.png
(sorry - looks like newsreader split the URL)

As you can see from the latter plot the lines are much smoother. And the latter plot quality is what I was getting with plot.Save in the past, pre-RHEL6-patch.

I've toyed around with various anti-aliasing switches in IDL and what not but the plot image quality in the generated file is still inferior.

So, I'm posting this message in case someone has managed to figure out what happened to the various system libraries after the upgrade.

Anyone with more sysadmin-y nouse than me got any ideas? ChrisT et al?

cheers,

paulv
