QGIS Application - Feature request #2024
Add Raster Stretching/Enhancement based on portion of image in current window

2009-10-19 11:42 AM - jgr007 -

Status:	Closed			
Priority:	Low			
Assignee:	nobody -			
Category:	Rasters			
Pull Request or Patch supplied:			**Resolution:**	fixed
Easy fix?:	No		**Copied to github as #:**	12084

Description

I'd like to have the option to do enhancement/stretching based on the statistics of the portion of the image displayed in the current window (vs. stats of entire image). I posted a message to the developer list and Peter Ersts suggested that this would be a good one to add to the code base and asked that I file a ticket on it. Hopefully this is the right way to do that. :)

History

#1 - 2009-11-08 06:25 AM - ersts -

- *Resolution set to fixed*
- *Status changed from Open to Closed*

It turns out this actually would have been a little easier as a plugin, but it should be core functionality. The issue at hand is that the layer itself does not know what is currently being display. draw() accepts a render context object which is used to determine what portion of the layer to display, but that object comes from the map canvas.

There is a solution in the trunk now, r 12015.

#2 - 2009-11-08 05:50 PM - cgsbob -

- *Resolution deleted (fixed)*
- *Status changed from Closed to Feedback*

Replying to [comment:1 ersts]:

> *It turns out this actually would have been a little easier as a plugin, but it should be core functionality. The issue at hand is that the layer itself does not know what is currently being display. draw() accepts a render context object which is used to determine what portion of the layer to display, but that object comes from the map canvas.*
>
> *There is a solution in the trunk now, r 12015.*

What a handy addition to qgis! I was thinking that it would be nice to have this functionality available using the legend right click menu.

#3 - 2010-08-08 06:22 PM - ersts -

- *Resolution set to fixed*
- *Status changed from Feedback to Closed*

The option "Stretch using current extent" was added to the right-click legend menu in commit:d5e0f6bf (SVN r14032). This option is not available for

"Palette" layers. If this menu option is selected while displaying a single band with a color map or as pseudo color, it will switch the layer back to gray scale. Additionally if, you to not have a contrast enhancement set stretch to min max will automatically be selected.