

## QGIS Application - Feature request #2024

### Add Raster Stretching/Enhancement based on portion of image in current window

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

<b>Status:</b> Closed	
<b>Priority:</b> Low	
<b>Assignee:</b> nobody -	
<b>Category:</b> Rasters	
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b> fixed
<b>Easy fix?:</b> No	<b>Copied to github as #:</b> 12084
<b>Description</b>	
<p>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. :)</p>	

#### 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 do not have a contrast enhancement set stretch to min max will automatically be selected.