QGIS Application - Feature request #537
Patch for QgsRasterLayer to allow stretching in DrawMultiColorBand, DrawSingleBandGray

2007-01-15 10:39 AM - ersts-amnh-org -

Status:	Closed		
Priority:	Low		
Assignee:	Tim Sutton		
Category:	Rasters		
Pull Request or Patch supplied:		**Resolution:**	fixed
Easy fix?:	No	**Copied to github as #:**	10596

Description

[[QgsRasterLayer]] has methods and enums for some basic stretching capabilities, but these capabilities are not implemented in the draw methods. This patch adds some functionality to the [[QgsRasterLayer]]::drawMultiBandColor and [[QgsRasterLayer]]::drawSingleBandGray methods. While the current QGIS GUI does not allow the user to set the needed inputs, stretching can, in the mean time, be done through a plugin.

The implementation in this patch adds a NO_STRETCH entry to the COLOR_STRETCH_ALGORITHM enum. This enum is set as the default scaling algorithm. This is done so that images can be loaded without [[QgsRasterLayerStats]] beign called unless needed. The two updated methods can also use the value of stdDevsToPlot to automatically stretch the image (which means [[QgsRasterStats]] is caled) if the color stretch algorithms is set, which means that with a few simple modifications to the [[QgsRasterProperties]] window, simple stretching could be made available to QGIS users.

History

#1 - 2007-01-15 11:46 AM - Tim Sutton

- Resolution set to fixed

- Status changed from Open to Closed

Committed in trunk with commit:fe3c509c (SVN r6436) - many thanks. Do you need this in 0.8.1 too? I prefer not to add new stuff to 0.8 branch but only things that fix existing bugs. If you really need it plugged into 0.8.1 please discuss with me further.

Regards

Tim

#2 - 2009-08-22 12:45 AM - Anonymous

Milestone Version 0.9 deleted

Files

patch_for_QgsRasterLayer.txt	14.3 KB	2007-01-15	ersts-amnh-org -