

QGIS Application - Bug report #4132

histogram gets needlessly refreshed twice - proposed fix

2011-08-02 09:31 AM - Etienne Tournigny

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	Rasters	
Affected QGIS version:	master	Regression?: No
Operating System:		Easy fix?: No
Pull Request or Patch supplied:	Yes	Resolution: fixed
Crashes QGIS or corrupts data:	No	Copied to github as #: 14112

Description

If the Raster Histogram tab was previously selected in the Raster Properties dialog and the user opens the dialog again, the histogram is refreshed twice, leading to needless processing and delay.

Specifically, in file src/app/qgsrasterlayerproperties.cpp the function QgsRasterLayerProperties::refreshHistogram() function gets called twice, once by the QgsRasterLayerProperties constructor, and once by the on_tabBar_currentChanged() slot.

The histogram tab gets activated by this call

```
tabBar->setCurrentIndex( settings.value( "/Windows/RasterLayerProperties/row" ).toInt() );
```

A simple fix is to disable the call in the constructor (around line 280 in the master branch), and leave it in the on_tabBar_currentChanged() slot.

```
QgsRasterLayerProperties::QgsRasterLayerProperties( QgsMapLayer* lyr, QgsMapCanvas* theCanvas, QWidget *parent,
Qt::WFlags fl )
...
```

```
setWindowTitle( tr( "Layer Properties - %1" ).arg( lyr->name() ) );
// int myHistogramTab = 6;
// if ( tabBar->currentIndex() == myHistogramTab )
// {
//   refreshHistogram();
// }
tableTransparency->horizontalHeader()->setResizeMode( 0, QHeaderView::Stretch );
tableTransparency->horizontalHeader()->setResizeMode( 1, QHeaderView::Stretch );
} // QgsRasterLayerProperties ctor
```

History

#1 - 2011-12-16 02:12 PM - Giovanni Manghi

- Target version set to Version 1.7.4

#2 - 2012-04-16 06:29 AM - Paolo Cavallini

- Crashes QGIS or corrupts data set to No

- Affected QGIS version set to master

- Target version changed from Version 1.7.4 to Version 1.8.0

#3 - 2012-06-18 12:51 PM - Etienne Tournigny

- Pull Request or Patch supplied changed from No to Yes

See

<https://github.com/qgis/Quantum-GIS/pull/180>

<https://github.com/etiennesky/Quantum-GIS/commit/c85d4e8d69bef6c753be699eef182e8c416887fc>

#4 - 2012-09-04 11:58 AM - Paolo Cavallini

- *Target version changed from Version 1.8.0 to Version 2.0.0*

#5 - 2012-10-04 05:11 PM - Giovanni Manghi

- *Resolution set to fixed*

- *Status changed from Open to Closed*