QGIS Application - Bug report #6821
qgis crashes when exporting raster with tile option

2012-12-04 08:43 AM - Regis Haubourg

Status:	Closed			
Priority:	Normal			
Assignee:	Radim Blazek			
Category:	Rasters			
Affected QGIS version:	master	**Regression?:**	No	
Operating System:		**Easy fix?:**	No	
Pull Request or Patch supplied:		**Resolution:**	fixed	
Crashes QGIS or corrupts data:		**Copied to github as #:**	15965	

Description

Hi, tested on recent master b45e215, when trying to save raster with Tile option, I set tiles to 1000 * 1000 and get crash.

Régis

Associated revisions

Revision 9d84a6a3 - 2012-12-19 07:30 PM - Radim Blazek

raster save as VRT fixes and improvements, fixes #6821

History

#1 - 2012-12-19 10:33 AM - Radim Blazek

- Status changed from Open to Closed

Fixed in changeset commit:"9d84a6a36aabc357f08480b5a1165be74fd78e73".

#2 - 2012-12-19 10:39 AM - Radim Blazek

- Resolution set to fixed

Fixed, some other changes and fixes:

- VRT checkbox moved above output file/dir because it depends on it
- Tiles renamed to VRT Tiles because currently used only for VRT
- VRT Tiles hidden if output is not VRT
- correct VRT output in raw mode
- correct VRT no data values
- disabled auto enabling of pyramids building when VRT is checked - we should not tend to be more clever than a user
- check if output VRT files exist in VRT dir
- VRT tile files save as <basename>.<index>.tif

#3 - 2012-12-19 01:44 PM - Etienne Tourigny

Hi Radim,

I'm not sure showing the VRT Tiles groupbox below is the best approach - wouldn't it be better to have it right below the VRT checkbox, or has a popup?

Or just keep it as a checkable groupbox, so you activate it and get the settings right next to it?

Also I'm not sure having it as a checkbox "Create VRT" is intuitive - what does it mean? a gtiff as VRT? or just a VRT file?

IMHO easier to understand with a single checkable groupbox "VRT Tiles"

#4 - 2012-12-20 01:39 AM - Radim Blazek

Etienne Tourigny wrote:

> *I'm not sure showing the VRT Tiles groupbox below is the best approach - wouldn't it be better to have it right below the VRT checkbox,*

I want to keep the most important options (mode, format, output file/dir) at top and additional options below. Because VRT checkobox must be before file/dir selection because it depends on it, I moved it above. Tile size is an additional option, less important than output file/dir.

> *or has a popup?*

Popups are bad and we are trying to avoid popups AFAIK.

> *Or just keep it as a checkable groupbox, so you activate it and get the settings right next to it?*

That would be possible, but it would add a "noise" above file name.

> *Also I'm not sure having it as a checkbox "Create VRT" is intuitive - what does it mean? a gtiff as VRT?*

Yes, the tiles must have some format, so the output will be GeoTIFF tiles + VRT.

> *or just a VRT file?*
>
> *IMHO easier to understand with a single checkable groupbox "VRT Tiles"*

Another doubt: would not it be better to select as output a VRT file (<basename>.vrt) instead of a directory? It would give more control over the basename to user and it would allow to save more VRT in one directory. The tiles would be named <basename>.<index>.vrt. It is no problem for the user to create a new dir if necessary in the select dialog.

What others think/prefer?