

QGIS Application - Bug report #6983
GRASS direct modules are not working under Linux

2013-01-12 10:24 AM - Giovanni Manghi

Status:	Closed	
Priority:	Normal	
Assignee:	Radim Blazek	
Category:	GRASS	
Affected QGIS version:	master	Regression?: No
Operating System:	Ubuntu	Easy fix?: No
Pull Request or Patch supplied:		Resolution: wontfix
Crashes QGIS or corrupts data:		Copied to github as #: 16088
Description		
but they are under Windows		
The error message is		
Cannot start module r.random		
LD_LIBRARY_PATH=/usr/lib/qgis/plugins:/usr/lib/grass64/lib		
QGIS_PREFIX_PATH=/usr		
command: /usr/lib/grass64/bin/r.random --interface-description		
GRASS_INFO_ERROR(5370,1): GISRC - variable not set GRASS_INFO_END(5370,1)		

History

#1 - 2013-01-12 10:27 AM - Giovanni Manghi

- Target version set to Version 2.0.0

#2 - 2013-04-10 07:41 AM - Radim Blazek

- Target version changed from Version 2.0.0 to Future Release - High Priority

If it complains about GISRC not set, it means that the module is run with true GRASS grass_gis library instead off QGIS fake grass_gis library.

Can you verify if the fake library is compiled and present in /usr/lib/qgis/plugins and if it has exactly the same name as true library (in /usr/lib/grass64/lib)?

Then try to set the same environment variables (which were printed in module output) in shell and run ldd on the module to check which lib is used.

#3 - 2013-04-11 06:03 AM - Giovanni Manghi

Radim Blazek wrote:

If it complains about GISRC not set, it means that the module is run with true GRASS grass_gis library instead off QGIS fake grass_gis library.

Can you verify if the fake library is compiled and present in /usr/lib/qgis/plugins and if it has exactly the same name as true library (in /usr/lib/grass64/lib)?

Then try to set the same environment variables (which were printed in module output) in shell and run ldd on the module to check which lib is used.

```

gio@sibirica ~ $ ls /usr/lib/qgis/plugins/lib
libcoordinatecaptureplugin.so libmssqlprovider.so
libdelimitedtextplugin.so libofflineeditingplugin.so
libdelimitedtextprovider.so libogrprovider.so
libdiagramoverlay.so liboracleplugin.so
libdx2shpconverterplugin.so libowsprovider.so
libbevis.so libpostgresprovider.so
libgdalprovider.so libraSTERterrainplugin.so
libgeorefpplugin.so libroadgraphplugin.so
libglobepplugin.so libspatialiteprovider.so
libgpsimporterplugin.so libspatialqueryplugin.so
libgpxprovider.so libspitplugin.so
libgrassplugin.so libtopolplugin.so
libgrassprovider.so libwcsprovider.so
libgrassrasterprovider.so libwfsprovider.so
libheatmapplugin.so libwmsprovider.so
libinterpolationplugin.so libzonalstatisticsplugin.so
libmemoryprovider.so

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gio@sibirica ~ $ ls /usr/lib/grass64/lib/
libgdal.so libgrass_lortho.so
libgrass_arraystats.6.4.2.so libgrass_iostream.6.4.2.a
libgrass_arraystats.so libgrass_ismap.6.4.2.a
libgrass_bitmap.6.4.2.so libgrass_l.so
libgrass_bitmap.so libgrass_lidar.6.4.2.so
libgrass_btree.6.4.2.so libgrass_lidar.so
libgrass_btree.so libgrass_linkm.6.4.2.so
libgrass_cairodriver.6.4.2.so libgrass_linkm.so
libgrass_cairodriver.so libgrass_lrs.6.4.2.so
libgrass_cdhc.6.4.2.so libgrass_lrs.so
libgrass_cdhc.so libgrass_manage.6.4.2.a
libgrass_cluster.6.4.2.so libgrass_neta.6.4.2.so
libgrass_cluster.so libgrass_neta.so
libgrass_datetime.6.4.2.so libgrass_nviz.6.4.2.so
libgrass_datetime.so libgrass_nviz.so
libgrass_dbmibase.6.4.2.so libgrass_ogsf.6.4.2.so
libgrass_dbmibase.so libgrass_ogsf.so
libgrass_dbmiclient.6.4.2.so libgrass_pngdriver.6.4.2.so
libgrass_dbmiclient.so libgrass_pngdriver.so
libgrass_dbmidriver.6.4.2.so libgrass_psdriver.6.4.2.so
libgrass_dbmidriver.so libgrass_psdriver.so
libgrass_dbstubs.6.4.2.so libgrass_qtree.6.4.2.so
libgrass_dbstubs.so libgrass_qtree.so
libgrass_dgl.6.4.2.so libgrass_raster.6.4.2.so
libgrass_dgl.so libgrass_raster.so
libgrass_dig2.6.4.2.so libgrass_rli.6.4.2.so
libgrass_dig2.so libgrass_rli.so
libgrass_display.6.4.2.so libgrass_rowio.6.4.2.so
libgrass_display.so libgrass_rowio.so
libgrass_driver.6.4.2.so libgrass_rtree.6.4.2.so
libgrass_driver.so libgrass_rtree.so
libgrass_dspf.6.4.2.so libgrass_segment.6.4.2.so
libgrass_dspf.so libgrass_segment.so

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libgrass_edit.6.4.2.so	libgrass_shape.6.4.2.so
libgrass_edit.so	libgrass_shape.so
libgrass_form.6.4.2.so	libgrass_sim.6.4.2.so
libgrass_form.so	libgrass_sim.so
libgrass_g3d.6.4.2.so	libgrass_sites.6.4.2.so
libgrass_g3d.so	libgrass_sites.so
libgrass_gis.6.4.2.so	libgrass_sqlp.6.4.2.so
libgrass_gis.so	libgrass_sqlp.so
libgrass_gmath.6.4.2.so	libgrass_stats.6.4.2.so
libgrass_gmath.so	libgrass_stats.so
libgrass_gpde.6.4.2.so	libgrass_symb.6.4.2.so
libgrass_gpde.so	libgrass_symb.so
libgrass_gproj.6.4.2.so	libgrass_trans.6.4.2.so
libgrass_gproj.so	libgrass_trans.so
libgrass_l.6.4.2.so	libgrass_vask.6.4.2.so
libgrass_interpdata.6.4.2.so	libgrass_vask.so
libgrass_interpdata.so	libgrass_vect.6.4.2.so
libgrass_interpfl.6.4.2.so	libgrass_vect.so
libgrass_interpfl.so	libgrass_vedit.6.4.2.so
libgrass_lortho.6.4.2.so	libgrass_vedit.so

#4 - 2013-05-08 09:57 AM - Radim Blazek

- *Priority changed from Severe/Regression to Normal*

#5 - 2014-06-20 06:49 AM - Giovanni Manghi

- *Resolution set to wontfix*

- *Status changed from Open to Closed*

I believe direct modules are not an option anymore.