

QGIS Application - Bug report #5752

Customisation framework widget tree parser fails

2012-06-06 02:52 PM - Tim Sutton

Status: Closed	
Priority: Normal	
Assignee: Radim Blazek	
Category: Customisation Framework	
Affected QGIS version: master	Regression?: No
Operating System: Linux (Ubuntu)	Easy fix?: No
Pull Request or Patch supplied: No	Resolution:
Crashes QGIS or corrupts data: No	Copied to github as #: 15258

Description

I'm trying to generate the widget tree for the release but it fails with:

```
timlinux@ultrabook:~/dev/cpp/Quantum-GIS/python$ python widgets_tree.py
Loading UI files /home/timlinux/dev/cpp/Quantum-GIS/src/ui/*.ui
Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgskomposerlabelwidgetbase.ui
Got bus address: "unix:abstract=/tmp/dbus-LkwRif98Hb,guid=c9a8809c9934813ca938cebd00000033"
Connected to accessibility bus at: "unix:abstract=/tmp/dbus-LkwRif98Hb,guid=c9a8809c9934813ca938cebd00000033"
Registered DEC: true
Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgsmssqlnewconnectionbase.ui
Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgskomposervectorlegendbase.ui
Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgskomposerlegendlayersdialogbase.ui
Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgsabout.ui
Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgsemlayerdialogbase.ui
Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgscredentialdialog.ui
Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgsvectorgradientcolorrampv2dialogbase.ui
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Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgskomposermapwidgetbase.ui
Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgssymbolv2propertiesdialogbase.ui
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Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgslabeldialogbase.ui
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Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgsstylescalewidgetbase.ui
Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgsformannotationdialogbase.ui
Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgssymbollevels2dialogbase.ui
Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgsgraduatedsymboldialogbase.ui
Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgsmessageviewer.ui
Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgsattributeloadfrommap.ui
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Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgsaddjoindialogbase.ui
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'module' object has no attribute 'QgsAttributeTableView'
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Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgscontinuouscolordialogbase.ui
Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgssinglesymboldialogbase.ui
Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgslabelingguibase.ui
'module' object has no attribute 'QgsLabelPreview'
Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgsnewhttpconnectionbase.ui
Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgsaddattrdialogbase.ui
Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgsmessagelogviewer.ui
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Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgsgraduatedsymbolrendererv2widget.ui
'module' object has no attribute 'QgsColorRampComboBox'
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Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgsnewogrconnectionbase.ui
Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgsfieldcalculatorbase.ui
No module named qgsexpressionbuilderwidget
Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgsitempositiondialogbase.ui
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Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgspastetransformationsbase.ui
Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgswmsssourceselectbase.ui

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Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgssymbolv2selectordialogbase.ui
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Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgscomposerscalebarwidgetbase.ui
Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgstextannotationdialogbase.ui
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'module' object has no attribute 'QgsColorRampComboBox'
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Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgsopenvectorlayerdialogbase.ui
Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgsexpressionbuilderdialogbase.ui
No module named qgsexpressionbuilderwidget
Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgscustomizationdialogbase.ui
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Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgsbookmarksbase.ui
Loading /home/timlinux/dev/cpp/Quantum-GIS/src/ui/qgsmanageconnectionsdialogbase.ui
Traceback (most recent call last):
  File "widgets_tree.py", line 124, in <module>
    xml = inspector.xml()
  File "widgets_tree.py", line 115, in xml
    string = tostring ( element, 'utf-8' )
  File "/usr/lib/python2.7/xml/etree/ElementTree.py", line 1127, in tostring
    ElementTree(element).write(file, encoding, method=method)
  File "/usr/lib/python2.7/xml/etree/ElementTree.py", line 821, in write
    serialize(write, self._root, encoding, qnames, namespaces)
  File "/usr/lib/python2.7/xml/etree/ElementTree.py", line 940, in _serialize_xml
    _serialize_xml(write, e, encoding, qnames, None)
  File "/usr/lib/python2.7/xml/etree/ElementTree.py", line 933, in _serialize_xml
    v = _escape_attrib(v, encoding)
  File "/usr/lib/python2.7/xml/etree/ElementTree.py", line 1093, in _escape_attrib
    _raise_serialization_error(text)
  File "/usr/lib/python2.7/xml/etree/ElementTree.py", line 1053, in _raise_serialization_error
    "cannot serialize %r (type %s)" % (text, type(text).__name__)
TypeError: cannot serialize PyQt4.QtCore.QString(u'QgsComposerLabelWidgetBase') (type QString)

```

Associated revisions

Revision 99f998aa - 2013-06-22 07:41 PM - Jürgen Fischer

- add missing sip bindings
- port widgets_tree.py to QtXml and update customization.xml (fixes #5752 and #8054)

History

#1 - 2012-06-06 02:52 PM - Tim Sutton

- Priority changed from Normal to Severe/Regression

#2 - 2012-06-06 11:40 PM - Radim Blazek

- Priority changed from Severe/Regression to Normal

I dont think it is a blocker. I updated already the resources/customization.xml after feature freeze in commit:5a4412a21d and since then just a single typo in a label have changed (which was also fixed in commit:78701d8fb40).

#3 - 2012-06-07 12:07 AM - Radim Blazek

- File *widgets_tree.py.patch* added

It fails in element conversion to string but the problem is probably in the element, which should be a string ("QgsComposerLabelWidgetBase") while it seems to be a reference (?) to PyQt4.QtCore.QString. It seems that it only happens with Python 2.7, I have only 2.6 on my machines. Could you please try the patch attached?

#4 - 2012-06-07 10:32 AM - Tim Sutton

Hi

Ok good if the customization file is current then its not urgent to resolve thanks.

Regards

Tim

#5 - 2012-09-04 11:52 AM - Paolo Cavallini

- Target version changed from Version 1.8.0 to Version 2.0.0

#6 - 2013-06-22 10:41 AM - Jürgen Fischer

- Status changed from Open to Closed

Fixed in changeset commit:"99f998aa30ec5862214e4dd971730980cb91aed2".

Files

widgets_tree.py.patch

484 Bytes

2012-06-06

Radim Blazek