QGIS Application - Bug report #11372
Position of clean button in Processing search field

2014-10-09 07:45 AM - Pedro Venâncio

Status:	Closed			
Priority:	Severe/Regression			
Assignee:				
Category:	GUI			
Affected QGIS version:	master	**Regression?:**	No
Operating System:		**Easy fix?:**	No
Pull Request or Patch supplied:		**Resolution:**	
Crashes QGIS or corrupts data:		**Copied to github as #:**	19663

Description

Please see the image attached.

It is not a serious problem, but is a regression.

Tested on Windows with QGIS master 2.5.0-94.

Associated revisions

Revision 4e8c679b - 2014-10-20 03:47 PM - Matthias Kuhn

SIP update for QgsFilterLineEdit

events have not been defined in the sip file, therefore QgsFilterLineEdits
created in python did not receive the events, leading to visual glitches.

Fix #11372

History

#1 - 2014-10-10 02:28 AM - Filipe Dias

- Operating System set to Windows

On Linux Ubuntu 14.04 it is in the right place.

#2 - 2014-10-11 03:22 AM - Pedro Venâncio

- File clean_button_xubuntu_12_04.png added

On Linux Xubuntu 12.04 32bits (2.5.0+git20141010+738e0be~precise-ubuntugis1), I also get it in the wrong position.

#3 - 2014-10-11 03:41 AM - Filipe Dias

- Operating System deleted (Windows)

#4 - 2014-10-16 01:08 PM - Salvatore Larosa

- Priority changed from High to Severe/Regression

- Category changed from Processing/GUI to GUI

- Assignee deleted (Victor Olaya)

This seems to be a SIP python bindings problem, nothing to do with the processing framework.

Would be interesting to know if anybody gets the same behavior with a sip version > 4.13.3?

#5 - 2014-10-19 03:26 PM - Jürgen Fischer

- Status changed from Open to Feedback

#6 - 2014-10-20 12:09 AM - Matthias Kuhn

I have noticed similar effects for other widgets when the "customwidgets" library was not available on the system. I do not know if it is related.

#7 - 2014-10-20 03:59 AM - Giovanni Manghi

Matthias Kuhn wrote:

> *I have noticed similar effects for other widgets when the "customwidgets" library was not available on the system. I do not know if it is related.*

it is a recent dependency of python-qgis? Now that I notice this is installed and I cannot see anymore this issue.

#8 - 2014-10-20 04:24 AM - Matthias Kuhn

Thank you for testing Giovanni.

It's not directly related to python. It's related to designer and promotion of widgets. I wonder if it shouldn't be a separate package but instead be installed automatically with the qgis packge (i.e. whenever the gui lib is installed).

#9 - 2014-10-20 05:39 AM - Salvatore Larosa

Hi Matthias,
are you referred to -DWITH_CUSTOM_WIDGETS=ON cmake option?
If so, for me it has not worked.

I noticed the problem is that qt event (resizeEvent() and probably others) are not took into account from QgsFilterLineEdit class when initialized by python. Oddly, defining the protected function in SIP file does it work as expected.

I thought this could be a SIP version problem and I did ask for feedback with a different SIP version.

#10 - 2014-10-20 07:38 AM - Matthias Kuhn

Hi Salvatore,

Yes, I was referring to this option, I am not sure if this issue is related.

Could you test PR 1654 to check if it solves this issue?

PS:

Not specifying overwritten virtuals can indeed be a problem AFAICT. Sip will have to create it's own overwritten method to allow overwriting it from within. In the default method it has to call the parent's overwritten method, which will then be QLineEdit::resizeEvent() instead of QgsFilterLineEdit::resizeEvent()

https://github.com/qgis/QGIS/pull/1645

#11 - 2014-10-20 08:01 AM - Salvatore Larosa

Hi Matthias,

maybe I have not explained well before, but adding protected functions is the workaround right now.

#12 - 2014-10-20 08:21 AM - Matthias Kuhn

Hi Salvatore,

That's what the PR does. If you say it works, I can push it. And I would then not call it a workaround but rather a solution.

#13 - 2014-10-20 08:34 AM - Salvatore Larosa

Hi Matthias,

yes the PR works, and it is what I am trying to say since comment n.4 :)

I already had tried that, but I was not sure if adding protected methods to SIP files is corrected and I thought it could be a SIP version issue.

So your solution is perfect! :)

#14 - 2014-10-20 08:55 AM - Matthias Kuhn

- Status changed from Feedback to Closed

Fixed in changeset commit:"4e8c679ba097f7f2c05e79945f9ba8475de1d49d".

#15 - 2014-10-20 09:08 AM - Matthias Kuhn

Thank you for the feedback Salvatore, the SIP version confused me somehow and then I understood that customwidgets solve it for Giovanni, but good to have it solved now :)

(Packaging customwidgets along the gui libs may still be a good idea... We'll see if there are more issues concerning this)

Files

processing_clean_button.png	5.23 KB	2014-10-09	Pedro Venâncio
clean_button_xubuntu_12_04.png	13.5 KB	2014-10-11	Pedro Venâncio