

# QGIS Application - Bug report #4550

## Improvements to projection widget

2011-11-17 10:14 AM - Paolo Cavallini

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> Richard Duivenvoorde	
<b>Category:</b> GUI	
<b>Affected QGIS version:</b> master	<b>Regression?:</b> No
<b>Operating System:</b>	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b> fixed
<b>Crashes QGIS or corrupts data:</b>	<b>Copied to github as #:</b> 14464

### Description

I think the projection widget should be improved, by

- having the search filtering the projections rather than moving to the next matching (see e.g. in the plugin list)
- it would be good to have the search working in both fields (people often overlook the search field selector)
- the internal projection ID could be hidden (I do not see any use of it for the user)
- set the focus to the 'find' button as soon as you try to type something into the find-text input.  
Now the user often type a code and then hit <enter> without result, because 'apply' apparently has focus: you really have to click the <find> button
- better make a general find: just search over all fields, so we can remove the two dropdowns

Single tickets might be opened, but I think once we start cleaning up the interface it is a simple matter to do all.

### History

#### #1 - 2011-11-18 10:19 AM - Richard Duivenvoorde

- % Done changed from 0 to 50
- Assignee set to Richard Duivenvoorde

#### #2 - 2011-11-18 11:03 AM - Richard Duivenvoorde

- File version1.png added
- File version2.png added

I've more or less implemented above: by using the a (over all columns).

I need some input for the dialogs. I've hidden the comboboxes and findbutton (programmatically) so all 'old' code is still in there.

In Version1 I just moved the filter/search part above the two crs blocks

In Version2 I moved both the filter AND the recently used crs block to the top.

Please some input about the preferred way.

I also have to look at the behaviour of for the wms dialog: apparently you should see all available crs's there?

#### #3 - 2011-11-22 12:27 AM - Richard Duivenvoorde

- File version3.png added

version3 with some more space for both lists, and a title in top of the crs's of the world

maybe too high?

**#4 - 2011-11-22 01:16 AM - Richard Duivenvoorde**

- *File version4.png added*

ok, final one :-)

moved 'depricated' to below, hidden searchtools as space below 'crs of the world'

**#5 - 2011-11-22 06:34 AM - Hilmy Hashim**

Richard Duivenvoorde wrote:

```
| ok, final one :-)  
|  
| moved 'depricated' to below, hidden searchtools as space below 'crs of the world'
```

More space for the selected crs parameters please. The second line is always half hidden.

**#6 - 2011-11-22 06:41 AM - Richard Duivenvoorde**

This has always been the case I think. There can actually (depending on the size of the dialog) be 3 or 4 lines of proj-parameters. But we also want to minimize the size of the dialog. Besides that, there is actually nothing you can do with those parameters (besides look at them...).

So: given we want to minimize the dialog: do you still want it to be bigger?

(by the way: the changes is already in master, so please have a look and try).

**#7 - 2011-11-30 03:48 PM - Alister Hood**

Hi guys. Maybe I should open another ticket... but this one hasn't been closed yet ;)

- When adding a new layer, if the mouse cursor is over the window border or over the handle between the list of recent CRSs and the list of all CRSs, for some reason the cursor does not change to the arrow cursor which normally indicates resizing is possible.

When changing the CRS of an existing layer, the mouse cursor does change.

N.B. I am on Windows, if that matters.

- If the user makes the window taller, the text panel at the top gets taller - but there is no need for this. Would it be possible to fix its size, so that all the additional height is used for the list of projections?

**#8 - 2011-11-30 10:37 PM - Paolo Cavallini**

Also, the box with the proj.4 string is often too small, and could be adjusted to its content.

**#9 - 2011-12-16 02:09 PM - Giovanni Manghi**

- *Target version set to Version 1.7.4*

**#10 - 2011-12-21 12:55 AM - Richard Duivenvoorde**

see this mailinglist thread:

<http://lists.osgeo.org/pipermail/ggis-developer/2011-December/017380.html>

*The current implementation of the CRS selector is much nicer, but it has a problem: the first item on the list of recent CRSs is always selected automatically when the widget is opened, without the user could notice it, or do anything about.*

the behaviour is even a little stranger. If I open 'Specify CRS' from the layerproperties, it will show me just 4 recent crs's (while there is room for more), while it seems to select one of them (not necessarily my latest). But if I close and open the dialog again, it chooses the NEXT crs from my 4 recents...

**#11 - 2011-12-21 01:04 AM - Giovanni Manghi**

Hi Richard,

it would be possible to show the "internal" ID column? It is pretty much important when working with custom CRSs.

**#12 - 2011-12-21 01:05 AM - Giovanni Manghi**

Giovanni Manghi wrote:

*Hi Richard,  
it would be possible to show the "internal" ID column? It is pretty much important when working with custom CRSs.*

I see also that internal ID is not searchable with the filter.

**#13 - 2011-12-21 01:09 AM - Richard Duivenvoorde**

The third point of this issue (see top) was:

"the internal projection ID could be hidden (I do not see any use of it for the user)"

But we can bring it back again, and we can also take it into the filter. No problem.

Personally I think it is REALLY an internal projection ID and you should not see or use it.

But: please let somebody decide. Both is no problem.

**#14 - 2011-12-21 01:11 AM - Giovanni Manghi**

Richard Duivenvoorde wrote:

The third point of this issue (see top) was:  
"the internal projection ID could be hidden (I do not see any use of it for the user)"

But we can bring it back again, and we can also take it into the filter. No problem.

Personally I think it is REALLY an internal projection ID and you should not see or use it.

But: please let somebody decide. Both is no problem.

sorry richard, I didn't read carefully this ticket. I just noticed it and commented, but if others have suggested otherwise is ok for me. sorry again.

#### #15 - 2011-12-22 12:21 PM - Richard Duivenvoorde

- Crashes QGIS or corrupts data set to No
- % Done changed from 50 to 90
- Affected QGIS version set to master

I think most/all point mentioned above are now fixed in this pull request

<https://github.com/qgis/Quantum-GIS/pull/76>

If the request is honoured we should close this bug

#### #16 - 2011-12-22 02:19 PM - Jürgen Fischer

- Status changed from Open to Closed
- Resolution set to fixed

applied in commit:5829fedc7b

#### #17 - 2011-12-27 02:23 AM - Richard Duivenvoorde

- Status changed from Closed to Feedback

Giovanni found a bug in my implementation... Busy fixing it.

(hope this will reopen this issue)

#### #18 - 2012-01-06 09:14 AM - Alexander Bruy

- Status changed from Feedback to Closed

Pull request 77 applied in commit:95099990ea. Hope this is completely fix issue

#### Files

version1.png	100 KB	2011-11-18	Richard Duivenvoorde
version2.png	86 KB	2011-11-18	Richard Duivenvoorde

version3.png  
version4.png

78.8 KB  
81.1 KB

2011-11-21  
2011-11-22

Richard Duivenvoorde  
Richard Duivenvoorde