

QGIS Application - Bug report #247

custom projection definition

2006-08-23 12:41 PM - jachym-cepicky-centrum-cz -

Status: Closed	
Priority: Low	
Assignee: Tim Sutton	
Category: Build/Install	
Affected QGIS version:	Regression?: No
Operating System: Debian	Easy fix?: No
Pull Request or Patch supplied:	Resolution: fixed
Crashes QGIS or corrupts data:	Copied to github as #: 10306

Description

Hallo,

maybe i do something wrong, but:

I would like to define my custom projection "Krovak S-JTSK" with following parameters:

Name: sjtsk

Parameters: +proj=krovak +ellps=bessel +no_defs +towgs84=570.8,85.7,462.8,4.998,1.587,5.261,3.56

It is not possible to add custom projection to QGIS. When I click on the "Save" button, nothing is saved.

when I try to add just something common:

Name: myproj

Parameters: +proj=latlong +ellps=WGS84

It can not be saved either.

In sqlite:

```
sqlite> select * from vw_srs;
```

```
sqlite>
```

In the command line, only two lines appear:

```
[[QgsCustomProjectionDialog]]::getProjFromParameters()
```

```
[[QgsCustomProjectionDialog]]::getEllipseFromParameters()
```

And, I would say, the test does also not work, how expected:

I would say, that North and East are changed

and

when I try

Parameters: +proj=latlong +ellps=WGS84

North: 12

East: 24

the result is

0.2084

0.4189

is it wrong, that I'm expecting "12 14" ?

```
echo "12 24" |cs2cs +proj=latlong +to +proj=latlong +ellps=WGS84  
12dE 24dN 0.000
```

??

short summary:

- 1) It is not possible to save custom projection
- 2) the "test" of custom projection does not work properly

qgis_unstable 0.8 fresh svn, build with dpkg-buildpackage on ubuntu 6.06

Thanks

Jachym

P.S. Problem confirmed on debian testing

History

#1 - 2006-09-07 03:38 AM - Gavin Macaulay -

To make a new custom projection you first need to click on the 'new' button in the dialog box, then enter your projection parameters and name, then click on 'save'.

However, this is a bit counter-intuitive, especially when doing the first custom projection, so I've made a change so that if there are no custom projections the dialog automatically does a 'new' button click for you. This is available in SVN commit:7343b610 (SVN r5779).

#2 - 2006-09-24 07:33 AM - vslavik-fastmail-fm -

I'm able to add the krovak projection as above now that I know how the 'new' button behaves, but the projection still does *not* show up in Settings -> Project Properties -> Projection -> User Defined Coordinate Systems. Other projections, e.g. the latlong one from above, do show up correctly.

I finally tracked this down to missing dvorak entry in the tbl_projection table. Adding the entry to ~/.qgis/qgis.db like this:

```
INSERT INTO "tbl_projection" VALUES('krovak', 'S-JTSK / Krovak', _, _);
```

fixed the problem, but I have no idea whether the line is correct or not (I'm new to GIS and hit the problem when following instructions on setting QGIS up for Czech users).

#3 - 2006-10-11 01:38 AM - Gavin Macaulay -

The reversed north/east problem appears to be fixed in svn commit:c9b3a3a6 (SVN r5936). That just leaves the missing entry in the tbl_projection table mentioned above.

#4 - 2006-10-13 02:51 AM - Gavin Macaulay -

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

Fixed in SVN commit:333f9793 (SVN r5944) - the krovak projection was missing from the qgis.db database (but was in the srs.db database)

#5 - 2009-08-22 12:46 AM - Anonymous

Milestone Version 0.8 deleted