

# QGIS Application - Bug report #10808

## regression with CRS matching

2014-07-04 07:45 AM - Gavin Fleming

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> Projection Support	
<b>Affected QGIS version:</b> 2.4.0	<b>Regression?:</b> No
<b>Operating System:</b>	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b> No	<b>Resolution:</b> up/downstream
<b>Crashes QGIS or corrupts data:</b> No	<b>Copied to github as #:</b> 19187
<b>Description</b>	
Open the attached shapefile, which was generated by QGIS and hence has valid prj and qpj files that QGIS should recognise. Recent versions (2.0) did do this correctly. However now the CRS is now recognised and appears blank. It should be finding a match with South African CRS : HBK_NO_19	

### History

#### #1 - 2014-07-04 04:02 PM - Jürgen Fischer

- Category set to Projection Support

#### #2 - 2014-07-07 09:02 AM - Giovanni Manghi

- Status changed from Open to Feedback

When you add that shapefile to QGIS the programs will add a new custom CRS, it says it clearly in the log

```
Saved user CRS [+proj=tmerc +lat_0=0 +lon_0=19 +k=1 +x_0=0 +y_0=0 +ellps=WGS84 +towgs84=0,0,0,0,0,0 +units=m +no_defs]
```

This means that QGIS is not matching this CRS to anyone in its CRS database, in fact if you look for the HBK\_NO\_19 definition you will see that the definition it is slightly different.

```
+proj=tmerc +lat_0=0 +lon_0=19 +k=1 +x_0=0 +y_0=0 +axis=enu +ellps=WGS84 +towgs84=0,0,0,0,0,0 +units=m +no_defs
```

If you give manually your layer the HBK\_NO\_19 CRS and re-save it again with the HBK\_NO\_19 CRS you will see that the result (as you say) has a "different" CRS because the "+axis=enu" part is missing.

But if you do the same operation with gdal/ogr (ogr2ogr) you will see that the same will happen, so if it is a bug it doesn't seems a qgis one.

#### #3 - 2014-10-11 04:15 AM - Giovanni Manghi

- Resolution set to up/downstream

- Status changed from Feedback to Closed

closing for lack of feedback, please reopen if necessary.

### Files

qgis_issue_crs_not_matching.zip	28.2 KB	2014-07-04	Gavin Fleming
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