QGIS Application - Bug report #4945
Missing Krovak East North 102067 projection

2012-02-04 08:24 AM - Ivan Mincik

Status:	Closed		
Priority:	Normal		
Assignee:			
Category:	Projection Support		
Affected QGIS version:	master	**Regression?:**	No
Operating System:		**Easy fix?:**	No
Pull Request or Patch supplied:	No	**Resolution:**	
Crashes QGIS or corrupts data:	No	**Copied to github as #:**	14742

Description

In Slovak and Czech republic, we are mostly using S-JTSK East/North projection, which is not standardized by any official authority (EPSG, ...) We use ESRI code 102067 for that.

This projection was removed in 1.7.4 (was in 1.7.3 as EPSG:102067).
It seems, that it was done in commit:42e02d82c05b4da370be77ef71345ba62457cc66 as the result of #4652.

If we want to clean EPSG database, the solution could be to add this projection under some other authority (ESRI or OSGEO ..).
It is essential, because currently we are not able to load any WMS layer in that projection, which is issue affecting all CzechoSlovak users (QGIS is not able to correctly load WMS layer in unknown projection).

spatialreference.org is currently down. Here are projection parameters:

> PROJ4: +proj=krovak +lat_0=49.5 +lon_0=24.83333333333333 +alpha=30.28813975277778 +k=0.9999 +x_0=0 +y_0=0 +ellps=bessel +units=m +no_defs

Related issues:

Related to QGIS Application - Feature request # 728: Added missing "S-JTSK/Kr...	**Closed**

Associated revisions

Revision 7f23d5f4 - 2012-07-11 08:57 AM - Jürgen Fischer

Fix #4945

Revision 0da7539e - 2012-07-11 10:14 AM - Jürgen Fischer

sync description of EPSG:102067 with GDAL (fixes #4945 again)

History

#1 - 2012-02-04 09:52 AM - Jürgen Fischer

- Assignee deleted (Jürgen Fischer)

#2 - 2012-02-07 06:46 AM - Tomas Vrana

I can confirm the same problem with current GIT version.

#3 - 2012-02-23 08:09 AM - Tomas Vrana

Basically the same situation as here #728
Except the insert string is a little different now:

> insert into tbl_srs values ('26810','S-JTSK (Greenwich) / Krovak','krovak','bessel','+proj=krovak +lat_0=49.5 +lon_0=24.83333333333333 +alpha=30.28813972222222 +k=0.9999 +x_0=0 +y_0=0 +ellps=bessel +pm=greenwich +units=m +no_defs','102067','EPSG','102067','0','0');

#4 - 2012-03-28 07:14 AM - Jan Valenta

I can confirm this for the version 1.7.4. It is a serious issue since it is not possible to force custom projections to WMS layer.

#5 - 2012-04-16 06:32 AM - Paolo Cavallini

- Target version changed from Version 1.7.4 to Version 1.8.0

#6 - 2012-07-10 11:33 PM - Tomas Vrana

Still missing in 1.8.0 :-(

#7 - 2012-07-10 11:58 PM - Jürgen Fischer

- Status changed from Open to Closed

Fixed in changeset commit:"7f23d5f481380ea21b57228104dc8ca015e1a93c".

#8 - 2012-07-11 12:31 AM - Ivan Mincik

- Status changed from Closed to Reopened

Jürgen Fischer wrote:

> *Fixed in changeset commit:"7f23d5f481380ea21b57228104dc8ca015e1a93c".*

Jürgen, thanks a lot for Your interest to this ticket.

1. Would you please change 'description' field to more correct value 'S-JTSK East/North' [1].

2. Another issue is, that this projection actually does not exists in EPSG database - it is coming from ESRI [1]. Wouldn't it be better to add it under ESRI authority name ?

1 - http://spatialreference.org/ref/esri/102067/

#9 - 2012-07-11 01:17 AM - Jürgen Fischer

- Status changed from Reopened to Closed

Fixed in changeset commit:"0da7539e376dac3a4ea50a183ff4edbcb021d442".