

QGIS Application - Feature request #16411

Adding missing EPSG projection to srs.db tbl_srs

2017-04-04 10:48 PM - Mark Johnson

Status:	Closed	
Priority:	Low	
Assignee:		
Category:	Geometry	
Pull Request or Patch supplied:	No	Resolution: invalid
Easy fix?:	No	Copied to github as #: 24320
Description		
<p>For some reason there are 2 projections missing from srs.db tbl_srs despite the fact that they are valid and are known to spatialite and gdal and are included in GDAL's pcs.csv file</p> <p>These are 2 projections used for Warsaw Pact military maps for the are of eastern Germany.</p> <p>I will be installing a collection of maps of the East German border Troops that the 'Stiftung Berliner Mauer' had received (they document everything that deals with the Berlin Wall).</p> <p>The intention is to offer this to their museum visitors, using QGIS.</p> <p>I have planned to run the SQL script, shown below, to resolve the problem for the moment.</p> <p>But in the long term it would be better to have (at least these 2) included, so that after a QGIS update (where the srs.db may be overwritten) the needed srid will still be known.</p> <p>The question is why qgis_srs.sh is not including these 2 projections I have not checked for others</p> <pre>-- sqlite3 srs.db < update.qgis_srs_db.sql -- SELECT description, auth_id FROM tbl_srs WHERE srid IN (5664,5665); INSERT INTO tbl_srs (description,projection_acronym,ellipsoid_acronym,parameters,srid,auth_name,auth_id,is_geo,deprecated) VALUES ('Pulkovo 1942(83) / Gauss-Kruger zone 2 (E-N)','tmerc','krass','+proj=tmerc +lat_0=0 +lon_0=9 +k=1 +x_0=2500000 +y_0=0 +ellps=krass +towgs84=26,-121,-78,0,0,0,0 +units=m +no_defs',5664,'EPSG','5664',0,0), ('Pulkovo 1942(83) / Gauss-Kruger zone 3 (E-N)','tmerc','krass','+proj=tmerc +lat_0=0 +lon_0=15 +k=1 +x_0=3500000 +y_0=0 +ellps=krass +towgs84=26,-121,-78,0,0,0,0 +units=m +no_defs',5665,'EPSG','5665',0,0);</pre>		

History

#1 - 2017-04-04 11:00 PM - Jürgen Fischer

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

srs.db is synced with GDAL on install using src/crssync. If GDAL has 5664 and 5665 (which current versions apparently do), srs.db will have it too.

#2 - 2017-04-04 11:05 PM - Mark Johnson

Please try the SELECT command on the created srs.db from master it is not found

(I did check this before submitting this ...)

#3 - 2017-04-04 11:12 PM - Jürgen Fischer

Mark Johnson wrote:

Please try the SELECT command on the created srs.db from master it is not found

(I did check this before submitting this ...)

Me too. It's there. Packages (debian/ubuntu & OSGeo4W) run crssync on install. If you run from the build directory there will be a updated srs.db in the temporary directory. For local installs you have to run crssync manually (initially and after GDAL updates).

#4 - 2017-04-04 11:16 PM - Jürgen Fischer

- Subject changed from Adding missing EPSG projection to srs.db tbl_srs to Adding missing EPSG projection to srs.db tbl_srs