# QGIS Application - Bug report #10011 Can't create new Spatialite layer with EPSG:3879

2014-04-07 08:47 AM - Pekka Sarkola

Status: Closed Priority: Normal

Assignee:

Category: Projection Support

Affected QGIS version:masterRegression?:NoOperating System:WindowsEasy fix?:No

Pull Request or Patch supplied: Resolution: up/downstream

Crashes QGIS or corruptes data: Copied to github as #: 18499

## Description

Hi,

I try to create new Spatialite layer with 2.2 or 2.3 version with CRS EPSG:3879. I couldn't find that CRS in the dialog.

There is old ETRS-GKxxFIN (EPSG:3126-3138), but those are depreacted CRSs.

However QGIS fill have current GK cres (EPSG:3873-3885), but with creation of spatialite layer you can't use those. You can create shapefile with these new GK crs.

I believe this is not relevant to operating system, but I will test later on with Ubuntu.

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## History

## #1 - 2014-06-28 07:45 AM - Jürgen Fischer

- Target version changed from Version 2.4 to Future Release - High Priority

### #2 - 2016-03-30 06:57 AM - Pekka Sarkola

Hi!

Did somebody something for this? It seems that it's not bug on 2.14

#### #3 - 2016-03-31 04:50 AM - Jukka Rahkonen

I guess that QGIS is built with newer Spatialite version and fix comes from there.

Even a couple of years old Spatialite 4.2 has these new definitions:

SELECT \* FROM "spatial\_ref\_sys" where srid=3879;

3879 epsg 3879 ETRS89 / GK25FIN +proj=tmerc +lat\_0=0 +lon\_0=25 +k=1 +x\_0=25500000 +y\_0=0 +ellps=GRS80 +towgs84=0,0,0,0,0,0,0 +units=m +no\_defs PROJCS["ETRS89 / GK25FIN",GEOGCS["ETRS89",DATUM["European\_Terrestrial\_Reference\_System\_1989",SPHEROID["GRS 1980",6378137,298.257222101,AUTHORITY["EPSG","7019"]],TOWGS84[0,0,0,0,0,0],AUTHORITY["EPSG","6258"]],PRIMEM["Greenwich",0,AUTHORITY["ERSG","8901"]],UNIT["degree",0.0174532925199433,AUTHORITY["EPSG","9122"]],AUTHORITY["EPSG","4258"]],PROJECTION["Transverse\_Mercator"] ercator"],PARAMETER["latitude\_of\_origin",0],PARAMETER["central\_meridian",25],PARAMETER["scale\_factor",1],PARAMETER["false\_easting",25500000],PARAMETER["false\_northing",0],UNIT["metre",1,AUTHORITY["EPSG","9001"]],AUTHORITY["EPSG","3879"]]

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I would suggest to close this ticket as fixed.

## #4 - 2016-03-31 04:57 AM - Jürgen Fischer

- Resolution set to up/downstream
- Status changed from Open to Closed

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