

## QGIS Application - Feature request #9639

### Keep CRS when saving DXF files

2014-02-24 11:49 AM - Novarese

<b>Status:</b>	Closed	<b>Resolution:</b> <b>Copied to github as #:</b> 18211
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	DXF export	
<b>Pull Request or Patch supplied:</b>	No	
<b>Easy fix?:</b>	No	
<b>Description</b>		
<b>Qgis 2.2.0 by Osgeo, under Win7_x64</b>		
If you save something as DXF (setting any output CRS) and you load the .DXF file back in an empty project, the CRS is not kept.		

#### History

##### #1 - 2014-03-01 04:05 AM - Giovanni Manghi

- Category set to Vectors
- Status changed from Open to Feedback
- Target version set to Version 2.4

as far as I know the DXF format does not store any info about the CRS/SRID.

##### #2 - 2014-03-01 08:27 AM - Jürgen Fischer

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

##### #3 - 2014-03-06 04:19 AM - Novarese

\_Giovanni Manghi wrote:

| as far as I know the DXF format does not store any info about the CRS/SRID.\_

@ Giovanni

Fortunatamente lo conserva:

[http://novarese.t15.org/gfoss/elba\\_32632.zip](http://novarese.t15.org/gfoss/elba_32632.zip)

Se apri questo DXF nel Blocco Note e cerchi la stringa "UTM", esso è pienamente georiferito: come controprova, caricalo nella trial di Autocad Map, poi dai il comando \_ADESETCRDSYS...

Il problema è che Qgis non ingloba alcun SR nei DXF, nonostante richieda di specificarlo durante il salvataggio...

@ rest of the world

Luckily it stores it:

[http://novarese.t15.org/gfoss/elba\\_32632.zip](http://novarese.t15.org/gfoss/elba_32632.zip)

If you open up this DXF in Notepad and look for "UTM" string, it's fully georeferenced: as countercheck, load it in the Acadmap trial, then type the \_ADESETCRDSYS command...

The issue is that Qgis does NOT embed any CRS within DXFs, even if it needs to specify it upon "saving as"...

#### #4 - 2014-03-06 05:47 AM - Jürgen Fischer

Novarese wrote:

*Luckily it stores it:*

[http://novarese.t15.org/gfoss/elba\\_32632.zip](http://novarese.t15.org/gfoss/elba_32632.zip)

*If you open up this DXF in Notepad and look for "UTM" string, it's fully georeferenced: as countercheck, load it in the Acadmap trial, then type the \_ADESETCRDSYS command...*

*The issue is that Qgis does NOT embed any CRS within DXFs, even if it needs to specify it upon "saving as"...*

Well, applications (like Map) may save all kinds of data in custom dictionaries. The [DXF spec](#) doesn't mention ADE\_PROJECTION. Do you know any spec that could help with mapping ADE\_PROJECTION codes to EPSG codes and vice versa?

#### #5 - 2014-10-11 07:12 AM - Giovanni Manghi

- Tracker changed from Bug report to Feature request
- Subject changed from Saved DXF doesn't keep the CRS to Keep CRS when saving DXF files
- Category changed from Vectors to DXF export
- Status changed from Feedback to Open
- Target version changed from Future Release - High Priority to Future Release - Nice to have

#### #6 - 2014-10-12 08:05 AM - Jürgen Fischer

- Status changed from Open to Closed

closing for the lack of feedback