QGIS Application - Bug report #1085
layer's SRS not recognized (at *first load* only)

2008-05-13 05:55 AM - Maciej Sieczka -

Status:	Closed		
Priority:	Low		
Assignee:	nobody -		
Category:	Projection Support		
Affected QGIS version:		**Regression?:**	No
Operating System:	All	**Easy fix?:**	No
Pull Request or Patch supplied:		**Resolution:**	worksforme
Crashes QGIS or corrupts data:		**Copied to github as #:**	11145

Description

Even if the layer's SRS is not prone to bug #1079, as described in #1079 comment:2, QGIS fails to recognize the layer's SRS at each **first**, but **only at first** load. Example:

The attached layer is in EPSG:32633, which is in proj4 lingo:

```
+proj=utm +zone=33 +ellps=WGS84 +datum=WGS84 +units=m +no_defs
```

the layer's ogrinfo output confirms:

```
$ ogrinfo -al -so sample_utm33n
INFO: Open of @sample_utm33n'
      using driver @ESRI Shapefile' successful.

Layer name: area
Geometry: Polygon
Feature Count: 1
Extent: (564573.435057, 5660045.542715) - (633165.320045, 5739296.325524)
Layer SRS WKT:
PROJCS["WGS_1984_UTM_Zone_33N",
    GEOGCS["GCS_WGS_1984",
        DATUM["WGS_1984",
            SPHEROID[[WGS_1984]],
        PRIMEM[[Greenwich]],
        UNIT[[Degree]],
    PROJECTION[[Transverse_Mercator]],
    PARAMETER[[latitude_of_origin]],
    PARAMETER[[central_meridian]],
    PARAMETER[[scale_factor]],
    PARAMETER[[false_easting]],
    PARAMETER[[false_northing]],
    UNIT[[Meter]]
cat: Real (11.0
```

Quit any QGIS instances you running. Load the shapefile into QGIS. Depending on your setting in Settings > Options > Projection, QGIS will assign your default SRS or it will prompt you to pick on from the list - which means that QGIS fails to recognize the layer's SRS. Interstingly, at each subsequent loading of the same layer this problem does not take place anymore!

I suspect this is a QGIS issue. If it's down to GDAL or anything else please forward the ticket where it belongs.

History

#1 - 2008-06-09 02:50 AM - Maciej Sieczka -

- Resolution set to worksforme

- Status changed from Open to Closed

The bug is gone. I don't know why exactly. I cannot find anything possibly related in recent QGIS SVN comits. But I might be wrong (not C++ savvy I am). Closing it for now.

#2 - 2008-06-09 03:58 AM - Jürgen Fischer

Replying to [comment:1 msieczka]:

> *The bug is gone. I don't know why exactly. I cannot find anything possibly related in recent QGIS SVN comits. But I might be wrong (not C++ savvy I am). Closing it for now.*

maybe commit:2b3bb91e (SVN r8593)

#3 - 2009-08-22 12:54 AM - Anonymous

Milestone Version 0.9.2 deleted

Files

sample_utm33n.zip	73.2 KB	2008-05-13	Maciej Sieczka -