Application: gvSIG desktop - gvSIG feature requests #2805
Delete USR:3857 and substitute EPSG:3785 (deprecated) with EPSG:3857 in the OSM extension

09/05/2014 11:48 AM - Antonio Falciano

Status:	Closed	**% Done:**	0%
Priority:	Normal	**Spent time:**	0.00 hour
Assignee:	Joaquín del Cerro Murciano		
Category:	OSM		
Target version:	2.1.0-2260		
gvSIG version:	2.1.0	**Add-on resolve version:**	
Keywords:	3857, 3785, 900913	**Add-on resolve build:**	
Has patch:		**Proyecto:**	
Add-on name:	Unknown	**Hito:**	
Add-on version:			

Description

After the update of the EPSG Registry in the jCRS extension, EPSG:3857 is available and consequently USR:3857 is not necessary anymore. Consider also that USR:3857 has a wrong datum association ("D_Popular_Visualisation_Datum" instead of "World Geodetic System 1984"), so it could not perform right conversion to WGS84. Furthermore, it's suitable to consider EPSG:3857 in place of EPSG:3785 (deprecated) where it's used in the OSM extension. Thanks.

Related issues:

Related to Application: gvSIG desktop - gvSIG bugs # 2740: OSM and PostGIS Ra...	**Closed**	**07/29/2014**

Associated revisions

Revision 134 - 12/16/2014 02:14 PM - Joaquín del Cerro Murciano

refs #2805, sustituida la referencia a EPSG:3785 por EPSG:3857.

History

#1 - 09/08/2014 02:15 AM - Joaquín del Cerro Murciano

- Related to gvSIG bugs #2740: OSM and PostGIS Raster tabs become empty with USR:3857 added

#2 - 12/10/2014 11:50 AM - Álvaro Anguix

- Status changed from New to Closed

El USR de OSM ya se eliminó de la extensión de OSM.

#3 - 12/10/2014 11:55 AM - Antonio Falciano

Álvaro Anguix wrote:

> *El USR de OSM ya se eliminó de la extensión de OSM.*

True, but I'm not sure that EPSG:3785 (deprecated and not supported by gvSIG) was substituted with EPSG:3857.

#4 - 12/12/2014 08:29 PM - Antonio Falciano

- Target version set to 2.1.0-2268-rc4

- Status changed from Closed to New

Antonio Falciano wrote:

> *Álvaro Anguix wrote:*
>
> > *El USR de OSM ya se eliminó de la extensión de OSM.*
>
> *True, but I'm not sure that EPSG:3785 (deprecated and not supported by gvSIG) was substituted with EPSG:3857.*

In fact, USR:3857 was deleted in gvsig-osm:r120, but EPSG:3785 is still present in the code. For instance, you can find here and here.
I don't know if this code substitution can definitely solve #2739.

#5 - 12/16/2014 02:05 PM - Joaquín del Cerro Murciano
- Target version changed from 2.1.0-2268-rc4 to 2.1.0-2260

#6 - 12/16/2014 02:16 PM - Joaquín del Cerro Murciano
- Assignee set to Joaquín del Cerro Murciano
- Status changed from New to Fixed

#7 - 12/17/2014 05:08 PM - Antonio Falciano
- Status changed from Fixed to Closed

I close the ticket, but unfortunately #2739 doesn't receive any benefit from this fix. In order to solve we need a more recent version of proj4.