

## Application: gvSIG desktop - gvSIG bugs #2793

### WMTS en 3857 no se carga

08/19/2014 05:09 AM - Álvaro Anguix

<b>Status:</b> Closed	<b>% Done:</b> 0%
<b>Priority:</b> Normal	<b>Spent time:</b> 0.00 hour
<b>Assignee:</b> Joaquín del Cerro Murciano	
<b>Category:</b> CRS	
<b>Target version:</b> 2.1.0-2248-testing	
<b>Severity:</b> Minor	<b>Add-on version:</b>
<b>gvSIG version:</b> 2.1.0	<b>Add-on build:</b>
<b>gvSIG build:</b> 2245	<b>Add-on resolve version:</b>
<b>Operative System:</b>	<b>Add-on resolve build:</b>
<b>Keywords:</b>	<b>Proyecto:</b>
<b>Has patch:</b>	<b>Hito:</b>
<b>Add-on name:</b> Unknown	

**Description**

Al intentar cargar un WMTS con CRS 3857 en una Vista con CRS de usuario 3857 da error.  
El WMTS probado es:  
<http://maps.opengeo.org/geowebcache/service/wmts>  
Seleccionando la capa de OpenStreetMap

Adjunto log

**Related issues:**

Related to Application: gvSIG desktop - gvSIG bugs # 2740: OSM and PostGIS Ra...	<b>Closed</b>	<b>07/29/2014</b>
Related to Application: gvSIG desktop - gvSIG bugs # 2739: Conversion between...	<b>Closed</b>	<b>07/29/2014</b>

### Associated revisions

Revision 2860 - 09/08/2014 03:06 PM - Francisco Díaz Carsí

refs #2793

### History

**#1 - 08/19/2014 05:10 AM - Álvaro Anguix**

- gvSIG build set to 2245
- Target version set to 2.1.0-2259-rc3
- Assignee set to Joaquín del Cerro Murciano
- Category set to CRS

**#2 - 08/19/2014 05:10 AM - Álvaro Anguix**

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

**#3 - 08/19/2014 06:10 AM - Antonio Falciano**

Further info:

- the layers can be loaded from the above mentioned WMTS URL using both **USR:3857** and **EPSG:3857** (available in the latest versions of EPSG Registry, see #2728) as view CRS, even if there is another issue (#2724).
- the Web Mercator Proj.4 representation in gvSIG looks quite similar to the right one in the case of USR:3857, while is clearly wrong with EPSG:3857 (see #2738). Consequently, the coordinate conversion between EPSG:3857 and EPSG:4326 is not well managed yet (see #2739).

#### #4 - 08/19/2014 11:30 AM - Antonio Falciano

Antonio Falciano wrote:

Further info: - the layers can be loaded from the above mentioned WMTS URL using both **USR:3857** and **EPSG:3857** (available in the latest versions of EPSG Registry, see #2728) as view CRS, even if there is another issue (#2724).

Here, #2747 instead of #2724

- the Web Mercator Proj.4 representation in gvSIG looks quite similar to the right one in the case of USR:3857, while is clearly wrong with EPSG:3857 (see #2738). Consequently, the coordinate conversion between EPSG:3857 and EPSG:4326 is not well managed yet (see #2739).

#### #5 - 08/20/2014 02:58 AM - Álvaro Anguix

- Related to gvSIG bugs #2739: Conversion between EPSG:3857 and EPSG:4326 doesn't match added

#### #6 - 09/08/2014 09:09 AM - Francisco Díaz Carsí

gvSIG-raster:r2860 Corrección de uno de los errores que aparecen en el log, concretamente:

```
INFO MapControl Drawer Worker org.gvsig.raster.wmts.ogc.impl.struct.WMTSLayerImpl - I cannot get the transformation between EPSG:4326 and EPSG:4326
```

```
java.lang.NullPointerException
```

```
at org.gvsig.raster.wmts.ogc.impl.struct.WMTSLayerImpl.getWGS84BoundingBoxTransformed(WMTSLayerImpl.java:123)
```

```
at org.gvsig.raster.wmts.io.WMTSPProvider.getExtent(WMTSPProvider.java:459)
```

```
at org.gvsig.raster.wmts.io.WMTSPProvider.getAffineTransform(WMTSPProvider.java:419)
```

```
at org.gvsig.raster.tilecache.io.TileProvider.getAffineTransform(TileProvider.java:514)
```

#### #7 - 09/30/2014 04:47 AM - Álvaro Anguix

- Status changed from New to Fixed

#### #8 - 10/02/2014 01:23 PM - Joaquín del Cerro Murciano

- Target version changed from 2.1.0-2259-rc3 to 2.1.0-2247-testing

#### #9 - 10/02/2014 01:25 PM - Joaquín del Cerro Murciano

- Target version changed from 2.1.0-2247-testing to 2.1.0-2248-testing

#### #10 - 10/12/2014 04:48 AM - Antonio Falciano

- Status changed from Fixed to Closed

Because the WMTS layers can be loaded in EPSG:3857 (but not well projected, see #2739) and USR:3857 has been removed from OSM extension in gvSIG-osm:r120, I think that this ticket can be closed.

#### Files

---

gvSIG.log	427 KB	08/19/2014	Álvaro Anguix
-----------	--------	------------	---------------