

Application: gvSIG desktop - gvSIG bugs #3266

Incorrect axis order on WMS 1.3.0 for some CRSs

03/12/2015 06:22 PM - Cesar Martinez Izquierdo

Status: Closed	% Done: 0%
Priority: Normal	Spent time: 0.00 hour
Assignee: Cesar Martinez Izquierdo	
Category: WMS	
Target version: 2.2.0-2307 (rev. org.gvsig.desktop-2.0.94)	
Severity: Major	Add-on version:
gvSIG version: 2.1.0	Add-on build:
gvSIG build:	Add-on resolve version:
Operative System:	Add-on resolve build:
Keywords:	Proyecto:
Has patch:	Hito:
Add-on name: Unknown	

Description

When loading WMS 1.3.0 layers using projected CRSs that use reverse axis order (norting-easting instead of easting-norting) the coordinates are managed incorrectly.

For instance, if the layer Corine Land Cover 250m 1990 [CORINE_CLC90_250m] is loaded using EPSG:3035 from the WMS "http://pegasosdi.uab.es/ogc/wms", the correct bounding box in CRS:3035 is EPSG:3035 (xmin=1500000.0, ymin=900000.0, xmax=7400000.0, ymax=5500000.0) but the parsed one is (xmin=900000.0, ymin=1500000.0, xmax=5500000.0, ymax=7400000.0)

As a consequence, the layers on these CRS are drawn in a wrong position (sometimes not drawn at all). The list of CRS (currently) using reverse axis order is available on this CSV: <https://github.com/mapserver/mapserver/blob/branch-7-0/mapaxisorder.csv>

From these CRS, all the projected (non geographic) CRSs incorrectly managed.

This is a regression compared with gvSIG 1.12, as this bug was fixed for 1.12.

Related issues:

Related to Application: gvSIG desktop - gvSIG bugs # 3437: GetFeatureInfo en ...	Closed	05/04/2015
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Associated revisions

Revision 3325 - 04/23/2015 05:54 PM - Cesar Martinez Izquierdo

WMS: Correctly manage projected CRSs using non-xy axis order (e.g. EPSG:3035). Add an UI checkbox to make this behaviour customizable by user. Fixes #3266.

History

#1 - 03/13/2015 09:36 AM - Álvaro Anguix

- Severity changed from Minor to Major
- Target version set to 2.2.0-2311-rc2
- Assignee set to Francisco Díaz Carsí

#2 - 03/13/2015 12:04 PM - Álvaro Anguix

- Target version deleted (2.2.0-2311-rc2)

Lo dejamos post-2.2, ya que es complejo abordarlo.

#3 - 03/24/2015 10:16 AM - Álvaro Anguix

- Target version set to 2.2.0-2311-rc2

- Assignee changed from Francisco Díaz Carsí to Cesar Martinez Izquierdo

#4 - 04/06/2015 09:51 AM - Cesar Martinez Izquierdo

- Status changed from New to In progress

#5 - 04/23/2015 01:04 PM - Joaquín del Cerro Murciano

- Target version deleted (2.2.0-2311-rc2)

#6 - 04/23/2015 05:54 PM - Cesar Martinez Izquierdo

- Status changed from In progress to Fixed

#7 - 04/24/2015 09:19 AM - Álvaro Anguix

- Target version set to 2.2.0-2311-rc2

#8 - 04/24/2015 12:58 PM - Joaquín del Cerro Murciano

- Target version changed from 2.2.0-2311-rc2 to 2.2.0-2307 (rev. org.gvsig.desktop-2.0.94)

#9 - 04/29/2015 11:55 AM - Álvaro Anguix

- Status changed from Fixed to Closed

#10 - 05/04/2015 01:27 PM - Álvaro Anguix

- Related to gvSIG bugs #3437: GetFeatureInfo en WMS 1.3.0 con CRS 4326 added