

Application: gvSIG desktop - gvSIG bugs #2389
No transformation is offered from 4326 to 3035

02/26/2014 05:22 PM - Cesar Martinez Izquierdo

Status: Closed	% Done: 100%
Priority: Normal	Spent time: 0.00 hour
Assignee: Joaquín del Cerro Murciano	
Category: CRS	
Target version: 2.1.0-2248-testing	
Severity:	Add-on version:
gvSIG version: 2.1.0	Add-on build:
gvSIG build: 2220	Add-on resolve version:
Operative System: Windows	Add-on resolve build:
Keywords:	Proyecto:
Has patch: Yes	Hito:
Add-on name: Unknown	

Description

When trying to load a layer in EPSG:4326 to a view using EPSG:3035 projection, no transformation is offered in the projection dialog of the load layer dialog.

Steps to reproduce:

- Create a new view using EPSG:3035 projection
- Click on add layer
- Select a shapefile using EPSG:4326 projection
- Search for EPSG transformations

Result: no transformation is offered.

Doing the opposite thing (loading a 3035 layer on a 4326 view) results in 2 transformations being offered.

Related issues:

Related to Application: gvSIG desktop - gvSIG bugs # 2371: WMS - Can't get pr...	Won't fix	02/24/2014
Related to Application: gvSIG desktop - gvSIG feature requests # 2306: Update...	Closed	02/08/2014

Associated revisions

Revision 279 - 10/06/2014 07:28 AM - Joaquín del Cerro Murciano

No transformation is offered from 4326 to 3035, refs #2389

History

#1 - 06/30/2014 04:22 AM - Álvaro Anguix

- Related to gvSIG feature requests #2306: Update the EPSG database added

#2 - 06/30/2014 04:23 AM - Álvaro Anguix

- Category set to CRS

#3 - 06/30/2014 04:28 AM - Antonio Falciano

As I stated here (http://listserv.gva.es/pipermail/gvsig_internacional/2014-June/009212.html), it "seems to occur with other transformations too and it should depend by how gvSIG (and GeoTools) manage the direction of transformations and not by the Registry, because each transformation is declared only once in the Registry itself, even if it's valid in both directions."

#4 - 08/26/2014 06:10 AM - Antonio Falciano

Other transformations that are not available in the EPSG transformation panel:

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+-----+-----+
|  VIEW  | LAYER |
+=====+=====+
| EPSG:6708 | EPSG:4326 |
+-----+-----+
| EPSG:4258 | EPSG:4326 |
+-----+-----+
| EPSG:4326 | EPSG:4258 |
+-----+-----+
| EPSG:4326 | EPSG:6706 |
+-----+-----+
| EPSG:6706 | EPSG:4326 |
+-----+-----+

```

#5 - 09/08/2014 02:57 PM - Antonio Falciano

- % Done changed from 0 to 100
- Target version set to 2.1.0-2259-rc3
- File TransformationEpsgPanel.patch added

There were a typo in a couple of SQL statements and a missing check about the kind of CRSs (projected or geographic 2D). I attach a patch that fix this issue.

PS: I can't set the "Has patch" flag in the notes, because I don't have the permission.

#6 - 09/09/2014 03:48 AM - Álvaro Anguix

- Has patch changed from No to Yes

#7 - 09/15/2014 04:03 AM - Álvaro Anguix

- Assignee set to Joaquín del Cerro Murciano

Joaquín, te asigno los bugs que vea que tienen parche, por si procede meterlos para la Rc2

#8 - 10/06/2014 08:01 AM - Joaquín del Cerro Murciano

- Target version changed from 2.1.0-2259-rc3 to 2.1.0-2248-testing
- Status changed from New to Fixed

#9 - 10/07/2014 11:22 AM - Antonio Falciano

- Status changed from Fixed to Closed

Files

TransformationEpsgPanel.patch	13.5 KB	09/08/2014	Antonio Falciano
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