

Application: gvSIG desktop - gvSIG feature requests #753

Set EPSG:4326 as default CRS for new views.

06/07/2012 05:27 PM - Manuel Madrid

Status:	Closed	% Done:	0%
Priority:	Normal	Spent time:	0.00 hour
Assignee:	Juan Lucas Domínguez		
Category:	CRS		
Target version:	2.0.0-devel-2052		
gvSIG version:	2.0.0	Add-on resolve version:	
Keywords:		Add-on resolve build:	
Has patch:	No	Proyecto:	
Add-on name:	Unknown	Hito:	
Add-on version:			

Description

For new gvSIG users or users that install gvSIG for first time in a computer is much more useful that the default CRS in new views is EPSG:4326 (WGS84-lat/lon) than EPSG:23030 (UTM-zone30) which is the current one.

History

#1 - 06/07/2012 05:28 PM - Manuel Madrid

- Tracker changed from gvSIG add-on requests to gvSIG feature requests
- Category set to CRS
- gvSIG version set to 2.0.0
- Has patch set to No

#2 - 06/07/2012 07:47 PM - Manuel Madrid

- Target version set to 2.0.0-rc1

#3 - 06/14/2012 01:09 PM - Francisco Puga

I clone this ticket for 1.x branch #779

and there is a thread in the mailing list

<http://osgeo-org.1560.n6.nabble.com/Set-EPSG-4326-as-default-CRS-for-new-views-gvSIG-feature-requests-753-td4981221.html>

#4 - 08/07/2012 09:03 AM - Juan Lucas Domínguez

- Assignee set to Juan Lucas Domínguez

#5 - 08/07/2012 09:45 AM - Juan Lucas Domínguez

The most adequate place to centralize the management of the default CRS for new views is perhaps the project "libFMap_mapcontext" ("MapContextManager" interface). We can add a new method, like:

```
public IProjection getDefaultCRS();
```

and all other places where it is needed will call it. That method will read the app preferences to see if a default CRS is available. If not, it will return a hardcoded one (EPSG:4326).

Any comments?

#6 - 08/21/2012 11:50 AM - Juan Lucas Domínguez

- Status changed from New to Fixed

gvSIG-desktop:r38769

Adding method to (Default)MapContextManager to centralize and change default CRS.

- The new method is "IProjection getDefaultCRS()" in MapContextManager and returns EPSG:4326 in the default (and only) implementation.
- Libraries in gvSIG core are now using it
- The implementation of "getDefaultProjection()" in ProjectPreferences will also use it if there is not a user-defined default CRS, so plugins using this method are not disturbed.
- The only problem is if a plugin implements MapContextManager which is very unlikely.

#7 - 08/30/2012 02:15 PM - Joaquín del Cerro Murciano

- Target version changed from 2.0.0-rc1 to 2.0.0-devel-2052

#8 - 11/13/2012 12:12 PM - María Maluenda

- Status changed from Fixed to Closed

Closed in the gvSIG build 2057. By default for new users to gvSIG 2.00, 4326 as default CRS for new views.

#9 - 11/13/2012 12:12 PM - María Maluenda

Closed in the gvSIG build 2057. By default for new users to gvSIG 2.00, 4326 as default CRS for new views.