

Application: gvSIG desktop - gvSIG bugs #1098

Numeric scale for geographic coordinate systems (i.e. EPSG:4326) is wrong when you add a view in map

09/06/2012 09:46 AM - María Maluenda

Status:	Closed	% Done:	0%
Priority:	Normal	Spent time:	0.00 hour
Assignee:	Juan Lucas Domínguez		
Category:	Document layout		
Target version:	2.1.0-2217-devel		
Severity:		Add-on version:	
gvSIG version:	2.0.0	Add-on build:	
gvSIG build:	2052	Add-on resolve version:	
Operative System:		Add-on resolve build:	
Keywords:		Proyecto:	
Has patch:	No	Hito:	
Add-on name:	Unknown		

Description

Numeric scale for geographic coordinate systems (i.e. EPSG:4326) is wrong when you add a view(4326) in map, the scale also appears incorrect.

- 1.- Open gvSIG
 - 2.- Open new view
 - 3.- Change properties of View:Change current projection to EPSG 4326
 - 4.- Add layer (http://downloads.gvsig.org/download/geodata/vector/SHP2D/esp_4326.zip)
 - 5.- Click Show menu/ Select project for open the project manager dialog box
 - 6.- Open new Map
 - 7.- Insert the view in mapa (Insert view tool)
 - 8.- Insert scale in map (Insert scale tool)
- The scale that appears is incorrect.

La escala numérica de sistemas de coordenadas geográficas (EPSG: 4326) es incorrecta cuando se agrega una vista (4326) en el mapa, la escala también resulta errónea.

- 1 -. Abrir gvSIG
 - 2 -. Abrir una Vista
 - 3 - Cambiar las propiedades de la Vista. Cambiar proyección actual a EPSG: 4326
 - 4 -. Añadir capa (http://downloads.gvsig.org/download/geodata/vector/SHP2D/esp_4326.zip)
 - 5 -. Haga clic en menu Show / Seleccionar proyecto para abrir el cuadro de diálogo de Gestor de proyectos
 - 6 -. Abrir un nuevo mapa
 - 7 -. Insertar la vista en el mapa (herramienta Insertar Vista)
 - 8 -. Insertar escala
- La escala que aparece no es correcta.

History

#1 - 10/31/2012 09:14 AM - María Maluenda

In gvSIG 1.11 with View and layer in EPSG 4326, also appears incorrect the scale of the map.

#2 - 12/12/2013 01:26 PM - Juan Lucas Domínguez

- Assignee set to Juan Lucas Domínguez

#3 - 12/16/2013 10:27 AM - Juan Lucas Domínguez

- *Status changed from New to Fixed*
- *Target version set to 2.1.0-2223-rc1*

Fixed computation of scale in layout document plugin.

gvsig-app-document-layout:r88

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This clarifies the current (and strange) behavior of the `getScale(minx, maxx, pixels, dpi)` method of `IProjection`. This should be changed (minx and maxx should be in map units instead of meters or simply remove the method from the API).

gvsig-jcrs:r207

gvsig-desktop:r40983

#4 - 01/13/2014 08:55 AM - Joaquín del Cerro Murciano

- *Target version changed from 2.1.0-2223-rc1 to 2.1.0-2217-devel*

#5 - 01/27/2014 04:21 PM - Álvaro Anguix

- *Status changed from Fixed to Closed*