Application: gvSIG desktop - gvSIG bugs #2982
Viewport for tiles is not correctly computed

11/07/2014 01:06 PM - Cesar Martinez Izquierdo

Status:	Closed		**% Done:**	0%
Priority:	Normal		**Spent time:**	0.00 hour
Assignee:	Joaquín del Cerro Murciano			
Category:				
Target version:	2.1.0-2255-testing			
Severity:	Minor		**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:	Yes		**Hito:**	
Add-on name:	Unknown			

Description

The class Tiling (in
org.gvsig.destkop/org.gvsig.desktop.compat.cdc/org.gvsig.fmap.mapcontext/org.gvsig.fmap.mapcontext.api/src/main/java/org/gvsig/fmap/map
ap/mapcontext/layers/) does not correctly compute the viewport for tiles, in method getTileViewPort().

The Viewport is cloned from the parent, then assigned the tile parameters (height, width and envelope) and then it gets assigned the affine transform from the parent viewport. This is incorrect as the new viewport automatically computes its own affine transform, which is different from the parent. Instead of assigning the parent affine transform, the new viewport has to be assigned the offset of the tile, in this way the affine transform is correctly (internally) calculated by the viewport itself.

I attach a patch that solves the problem.

This error causes the WMSs to don't get correctly printed (some tiles are missing). See related bug.

Related issues:

Related to Application: gvSIG desktop - gvSIG bugs # 2983: WMS layers are not...	**Closed**	**11/07/2014**

Associated revisions

Revision 41815 - 11/14/2014 07:23 AM - Joaquín del Cerro Murciano

Viewport for tiles is not correctly computed, refs #2982 (cmartinez)

History

#1 - 11/07/2014 01:09 PM - Cesar Martinez Izquierdo

- Related to gvSIG bugs #2983: WMS layers are not correctly printed or exported to PDF added

#2 - 11/10/2014 02:34 AM - Álvaro Anguix

- Assignee set to Joaquín del Cerro Murciano

#3 - 11/14/2014 05:47 AM - Joaquín del Cerro Murciano

- Target version changed from 2.1.0-2259-rc3 to 2.1.0-2255-testing

#4 - 11/14/2014 07:24 AM - Joaquín del Cerro Murciano

- Status changed from New to Fixed

#5 - 11/24/2014 08:21 AM - Álvaro Anguix

- Status changed from Fixed to Closed

Files

tiling.patch	1.17 KB	11/07/2014	Cesar Martinez Izquierdo