

Application: gvSIG desktop - gvSIG bugs #1551

Null pointer exception when strange coordinates are reprojected

01/11/2013 11:11 AM - Juan Lucas Domínguez

Status: Closed	% Done: 0%
Priority: Normal	Spent time: 0.00 hour
Assignee: Juan Lucas Domínguez	
Category:	
Target version: 2.0.0-rc5	
Severity:	Add-on version:
gvSIG version: 2.0.0	Add-on build:
gvSIG build: 2062	Add-on resolve version:
Operative System:	Add-on resolve build:
Keywords:	Proyecto:
Has patch: No	Hito:
Add-on name: Unknown	

Description

Null pointer exception when strange coordinates are reprojected

Example:

We have Canada in EPSG:23030 (somebody created it) and we want to reproject to EPSG:4326. In this case, the reprojection library can have issues in its computation and returns a NULL point

History

#1 - 01/11/2013 01:24 PM - Juan Lucas Domínguez

Added utility run-time exception class and used it when null point is returned by reprojection library.

gvSIG-desktop:r39594

Test:

- Create view in EPSG:4326 and load table "canada" from Postgis testing DB (the table is in EPSG:23030 even if it is Canada)
- An error message appears because the reprojection library was unable to reproject those strange points

That is the expected behavior. We don't know what the reprojection library will do with strange reprojections like this, so if there is a problem like this, we show an error message and the layer is set to not visible

#2 - 01/11/2013 01:24 PM - Juan Lucas Domínguez

- Status changed from New to Fixed

#3 - 02/06/2013 10:53 AM - Joaquín del Cerro Murciano

- Target version changed from 2.0.0-final to 2.0.0-rc5

#4 - 02/26/2014 12:33 PM - Álvaro Anguix

- Status changed from Fixed to Closed