

Application: gvSIG desktop - gvSIG bugs #3990

Build 2413 doesn't open previous projects - CORRUPTED PROJECTS?

01/11/2016 09:48 AM - Andrea Antonello

Status:	Closed	% Done:	0%
Priority:	Urgent	Spent time:	0.00 hour
Assignee:	Daniel Martinez		
Category:	Application		
Target version:	2.3.0-2416 (rev. org.gvsig.desktop-2.0.122)		
Severity:	Critical	Add-on version:	
gvSIG version:	2.3.0	Add-on build:	
gvSIG build:	2413	Add-on resolve version:	
Operative System:		Add-on resolve build:	
Keywords:		Proyecto:	
Has patch:		Hito:	
Add-on name:	Unknown		

Description

I just downloaded the latest build (gvSIG-desktop-2.3.0-2413-devel-lin-x86_64-standard) and tried to open an old project.

It is:

- not opening it
- not giving any error message to the user (that would be necessary)
- throwing a lot of exceptions about relative paths

I have seen the relative path problems already with previous build. It happened quite often that my project got corrupted and was useless.

This time tested on linux but previously seen the same error on windows.

Log is attached.

Related issues:

Related to Application: gvSIG desktop - gvSIG bugs # 4017: Can't load URI pro...

Closed

01/18/2016

History

#1 - 01/11/2016 11:05 AM - Antonio Falciano

Ciao Andrea,

I believe that the issue you report depends by the specific content of your project. I've just tried to open an old project and I can open with build 2413 in win64, even if it loads only vector layers. The raster ones are not loaded because of an URISyntaxException.

In your specific case, grepping the "can't fix" messages from the gvSIG.log we have:

- Can't fix relative paths in MapCache
- Can't fix relative paths in MapCacheService
- Can't fix relative paths in MapCacheService
- Can't fix relative paths in MapCacheService
- Can't fix relative paths in MapCacheService
- Can't fix relative paths in MapCacheService
- Can't fix relative paths in MapCacheService
- Can't fix relative paths in MapCacheService
- Can't fix relative paths in MapCacheService
- Can't fix relative paths in MapCacheFormat
- Can't fix relative paths in MapCacheCache

Can't fix relative paths in MapCacheCacheType
Can't fix relative paths in MapCacheCacheMbTiles
Can't fix relative paths in MapCacheCacheSqlite3
Can't fix relative paths in MapCacheCacheDiskLayout
Can't fix relative paths in MapCacheCacheDisk
Can't fix relative paths in MapCacheCacheMemcache
Can't fix relative paths in MapCacheFormatType
Can't fix relative paths in MapCacheFormatPNG
Can't fix relative paths in MapCacheFormatJPEG
Can't fix relative paths in MapCacheFormatMixed

The main consequence is that gvSIG *Can't perform action 'application-project-open'* and this is *Caused by: org.gvsig.tools.persistence.exception.PersistenceClassNotRegistered: Class not registered in manager 'MapCache'.* So the issue depends by MapCache class or related properties that are not persistent in build 2413.

In conclusion:

- the most part of the old projects can be opened, but there are some different issues (URISyntaxException, MapCache persistence, ...) with (locale or remote) raster layers;
- being gvSIG projects version specific, some incompatibility issue may occur. Thus an old project can be considered not fully compatible with newer versions, but not corrupted. We can corrupt it only if we overwrite it.

#2 - 01/11/2016 11:16 AM - Andrea Antonello

Hi Antonio,

I believe that the issue you report depends by the specific content of your project. I've just tried to open an old project and I can open with build 2413 in win64, even if it loads only vector layers. The raster ones are not loaded because of an URISyntaxException.

Well, GIS is also made of rasters, so I guess this issue has a reason to be opened, right? :-)

In your specific case, grepping the "can't fix" messages from the gvSIG.log we have:

[...]

The main consequence is that gvSIG Can't perform action 'application-project-open' and this is Caused by: org.gvsig.tools.persistence.exception.PersistenceClassNotRegistered: Class not registered in manager 'MapCache'. So the issue depends by MapCache class or related properties that are not persistent in build 2413.

In conclusion: - the most part of the old projects can be opened, but there are some different issues (URISyntaxException, MapCache persistence, ...) with (locale or remote) raster layers;

- being gvSIG projects version specific, some incompatibility issue may occur. Thus an old project can be considered not fully compatible with newer versions, but not corrupted. We can corrupt it only if we overwrite it.

I can agree about the reason this happens, but I can't agree about the fact that this is not a bad bad problem, if not handled.

If this can't be resolved right now, then I would expect that the user is warned about the fact that he is loading a potentially incompatible project.

I know gvSIG wants to be backward compatible on many things, I think projects should be one of that. If not, at least warn the user. I had several times problems with project that then didn't save any more. Which means corrupted.

Your final statement about incompatibilities and corruption only on save... well, it is exactly what will happen to any new user that is not aware of that. They will try to do "something", possibly saving and breaking things.

#3 - 01/11/2016 05:05 PM - Antonio Falciano

Hi Andrea,

I'm agree with you. This kind of blocking issue should be fixed if possible within the final release or handled in a better way (i.e. user warning) in order to avoid the project corruption. ;) Fortunately it seems that the issue due to the URISyntaxException has been fixed yet in #3952 by Joaquín. So fixing relative paths or some plugin persistence remains.

#4 - 01/15/2016 06:20 PM - Joaquín del Cerro Murciano

- Target version changed from 2.3.0-2414 (rev. org.gvsig.desktop-2.0.120) to 2.3.0-2447-final (rev. org.gvsig.desktop-2.0.153)

#5 - 01/20/2016 11:37 AM - Álvaro Anguix

- Assignee set to Daniel Martinez

#6 - 01/21/2016 11:24 AM - Daniel Martinez

- Related to gvSIG bugs #4017: Can't load URI property due to an URISyntaxException added

#7 - 01/21/2016 11:29 AM - Daniel Martinez

- Status changed from New to Fixed

Fixing relative paths is being done in #4017. As soon as it is done, this will be fixed and ready to be tested in the next version.

#8 - 01/25/2016 10:34 AM - Joaquín del Cerro Murciano

- Target version changed from 2.3.0-2447-final (rev. org.gvsig.desktop-2.0.153) to 2.3.0-2416 (rev. org.gvsig.desktop-2.0.122)

#9 - 01/26/2016 01:31 PM - Álvaro Anguix

- Status changed from Fixed to Closed

Files

gvSIG.log	473 KB	01/11/2016	Andrea Antonello
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