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at org.gvsig.andami.plugins.PluginClassLoader.getResources(PluginClassLoader.java:397)
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....
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This has been tested with previous versions (ex. build 2426) and it works.

Cesar supplied me with a andami plugin containing the PluginClassLoader without the latest changes and the problem is not there.

I mark this as urgent, since I would not trust this behavior not to happen also at startup in certain conditions.

Related issues:

Related to Application: gvSIG desktop - gvSIG bugs # 4296: Scripting composer...

Closed

07/25/2016

Associated revisions

Revision 42929 - 08/21/2016 10:57 AM - Joaquín del Cerro Murciano

refs #4322, patch from Cesar Martinez. Fix infinite loop in getResources of PluginClassLoader.

History

#1 - 08/16/2016 09:27 PM - Cesar Martinez Izquierdo

The problem seems to be caused by the following combined causes:

- A getResources() method was added to PluginClassLoader, overriding default ClassLoader behaviour (revision <https://redmine.gvsig.net/redmine/projects/gvsig-desktop/repository/revisions/42774>)
- A dependency loop is created between org.gvsig.geoprocess.app.sextante and org.gvsig.geoprocess.app.mainplugin plugins

Checking the config.xml files:

- org.gvsig.geoprocess.app.sextante declares a dependence on org.gvsig.geoprocess.app.mainplugin on its config.xml
- org.gvsig.geoprocess.app.mainplugin DOES NOT declare a dependence on org.gvsig.geoprocess.app.sextante, however org.gvsig.geoprocess.app.sextante becomes included on the pluginLoaders list at runtime (can be checked by debugging)

I think this may be caused by the system used to register gvSIG & Sextante geoprocesses, which probably modifies the classloader dependences of org.gvsig.geoprocess.app.mainplugin at runtime (but it should be investigated and confirmed)

#2 - 08/17/2016 03:40 PM - Cesar Martinez Izquierdo

- *Has patch set to Yes*
- *File pluginClassLoaderGetResources.diff added*

I have created a patch to avoid the infinite loop when a cross-reference is found.

I think we should re-design the way in which Sextante/gvSIG algorithms are loaded, removing the existing cross-reference, as it might cause problems on other parts of gvSIG.

For the moment, this patch solves the most evident problem.

#3 - 08/21/2016 10:58 AM - Joaquín del Cerro Murciano

- Status changed from New to Fixed

Metido el parche.

Gracias.

#4 - 08/21/2016 11:21 AM - Joaquín del Cerro Murciano

- Related to gvSIG bugs #4296: Scripting composer: double-clicking on a text file causes a StackOverflowError added

#5 - 08/23/2016 11:38 AM - Álvaro Anguix

- Status changed from Fixed to Closed

Files

pluginClassLoaderGetResources.diff	1.54 KB	08/17/2016	Cesar Martinez Izquierdo
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