

Application: gvSIG desktop - gvSIG bugs #523

The gvSIG package manager windows shown in the installation process appears empty

04/12/2012 11:35 AM - Cesar Ordiñana

| | |
|---------------------------------------|--------------------------------|
| Status: Closed | % Done: 0% |
| Priority: Normal | Spent time: 0.00 hour |
| Assignee: Juan Lucas Domínguez | |
| Category: | |
| Target version: 2.0.0-alpha5 | |
| Severity: | Add-on version: |
| gvSIG version: 2.0.0 | Add-on build: |
| gvSIG build: 2045 | Add-on resolve version: |
| Operative System: Windows | Add-on resolve build: |
| Keywords: | Proyecto: |
| Has patch: No | Hito: |
| Add-on name: Unknown | |

Description

In the gvSIG installation process in windows, when the gvSIG package manager window is shown, it appears empty.

The problem is related to the Java graphics acceleration, which is active by default, but has problems with some graphics drivers or configurations. To me it happens in a VirtualBox VM.

It may be solved by creating a .ini file for the package installer exe which disables the graphics hardware acceleration for the package manager application execution.

History

#1 - 04/12/2012 04:50 PM - Joaquín del Cerro Murciano

- Target version set to 2.0.0-alpha5

#2 - 05/15/2012 09:27 AM - Joaquín del Cerro Murciano

- Assignee changed from Cesar Ordiñana to Juan Lucas Domínguez

#3 - 05/21/2012 10:30 AM - Juan Lucas Domínguez

- Status changed from New to In progress

#4 - 05/21/2012 11:09 AM - Juan Lucas Domínguez

I cannot reproduce this error. I am using Windows 7 and all graphics settings seem to be following the principle: "performance is better than saving energy", etc.

These system properties might fix the problem if set to the specified boolean values:

-Dsun.java2d.noddraw=true
-Dsun.java2d.opengl=false
-Dsun.java2d.d3d=false
-Dsun.java2d.ddoffscreen=false

Some doc here: <http://docs.oracle.com/javase/1.5.0/docs/guide/2d/flags.html>

- Can you send a screenshot showing which panel appears empty?

- Does that happen in the package manager within gvSIG?

#5 - 05/21/2012 06:21 PM - Cesar Ordiñana

Sorry, I should have provided more information.

The problem is related to some windows driver configurations, where any java swing application shows its windows empty. This happens from time to time in the users list and the solution is to disable the acceleration with:

```
sun.java2d.d3d=false
```

In the gvSIG 2.0 case, we distribute a *gvsig-desktop.I4j.ini* file where the user only needs to uncomment the line with:

```
# -Dsun.java2d.d3d=false
```

This is fine for the application execution, if a user has that problem, in the documentation, user lists, etc. we can help him by telling him to uncomment the previous line.

But in the installation process, when the add-ons installer is opened, we must make sure it works, as it is very difficult, if possible, to tell the user to change one of the files in the installation process, just before the add-on installer opens. As we don't really need hardware acceleration for the add-ons manager in the installation process, the idea is to disable it always, so we will know for sure that problem will not happen to any user.

To do it, perform the following steps:

- In the build/product folder copy the file *gvsig-desktop.I4j.ini* to *gvsig-package-installer.I4j.ini*. This is the way to create a .ini file for a launcher created with Launch4J.
- Edit it and uncomment the line with *# -Dsun.java2d.d3d=false*.
- Add the file to the source repository.
- Modify the installjammer configuration, so the installer for windows includes the new file.

#6 - 05/22/2012 08:58 AM - Juan Lucas Domínguez

Thanks, I need for info about the last step: "Modify the installjammer configuration...". I cannot see where the files to be installed are listed, so maybe installjammer will copy all the files in that folder?

#7 - 05/22/2012 09:22 AM - Cesar Ordiñana

You need to open the installjammer application and edit the current installer configuration.

As we have to meet in person so I can help you in the build process, which involves updating the installjammer configuration, I can show you then how to add the new file to the installation.

#8 - 05/28/2012 03:26 PM - Juan Lucas Domínguez

- Status changed from *In progress* to *Fixed*

gvsig-desktop:r38246

Necessary file has been uploaded. Will be used during build creation process.

#9 - 08/30/2012 02:11 PM - Joaquín del Cerro Murciano

- *Status changed from Fixed to Closed*