

## Application: gvSIG desktop - gvSIG bugs #4238

### Can't initialize the EPSG database folder in the gvSIG home

06/21/2016 12:26 PM - Antonio Falciano

<b>Status:</b>	Closed	<b>% Done:</b>	100%
<b>Priority:</b>	High	<b>Spent time:</b>	0.00 hour
<b>Assignee:</b>	Daniel Martinez		
<b>Category:</b>	CRS		
<b>Target version:</b>	2.3.0-2434 (rev. org.gvsig.desktop-2.0.140)		
<b>Severity:</b>	Major	<b>Add-on version:</b>	
<b>gvSIG version:</b>	2.3.0	<b>Add-on build:</b>	
<b>gvSIG build:</b>	2429	<b>Add-on resolve version:</b>	
<b>Operative System:</b>	Windows	<b>Add-on resolve build:</b>	
<b>Keywords:</b>	EPSG	<b>Proyecto:</b>	
<b>Has patch:</b>		<b>Hito:</b>	
<b>Add-on name:</b>	Unknown		

#### Description

Executing the build 2429 for the first time, the EPSG database can't be initialized in the gvSIG home folder:

```
INFO main org.gvsig.crs.JCRSPluginLibrary - Initializing EPSG database folder in
C:\Users\Antonio\gvSIG\plugins\org.gvsig.projection.app.jcrs\db\EPSG\EPSG_v8_7
ERROR main org.gvsig.crs.JCRSPluginLibrary - Can't initialize EPSG database folder in the gvSIG home (src=C:\Program
Files\gvSIG desktop
2.3.0-2429\gvSIG\extensiones\org.gvsig.projection.app.jcrs\db\EPSG\EPSG_v8_7,target=C:\Users\Antonio\gvSIG\plugins\org.gvsig.projec
gvSIG.projection.app.jcrs\db\EPSG\EPSG_v8_7).
java.io.FileNotFoundException: Source 'C:\Program Files\gvSIG desktop
2.3.0-2429\gvSIG\extensiones\org.gvsig.projection.app.jcrs\db\EPSG\EPSG_v8_7' does not exist
    at org.apache.commons.io.FileUtils.copyDirectory(FileUtils.java:1368)
    at org.apache.commons.io.FileUtils.copyDirectory(FileUtils.java:1261)
    at org.apache.commons.io.FileUtils.copyDirectory(FileUtils.java:1230)
    at org.gvsig.crs.JCRSPluginLibrary.initalizeHomeDB(JCRSPluginLibrary.java:135)
    at org.gvsig.crs.JCRSPluginLibrary.doInitialize(JCRSPluginLibrary.java:45)
    at org.gvsig.tools.library.AbstractLibrary.initialize(AbstractLibrary.java:338)
    at org.gvsig.tools.library.AbstractLibrariesInitializer.initializeLibraries(AbstractLibrariesInitializer.java:256)
    at org.gvsig.tools.library.AbstractLibrariesInitializer.initialize(AbstractLibrariesInitializer.java:90)
    at org.gvsig.tools.library.AbstractLibrariesInitializer.fullInitialize(AbstractLibrariesInitializer.java:115)
    at org.gvsig.andami.Launcher.initializeLibraries(Launcher.java:782)
    at org.gvsig.andami.Launcher.doMain(Launcher.java:570)
    at org.gvsig.andami.Launcher.main(Launcher.java:395)
    at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
    at sun.reflect.NativeMethodAccessorImpl.invoke(Unknown Source)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke(Unknown Source)
    at java.lang.reflect.Method.invoke(Unknown Source)
    at org.gvsig.andamiupdater.Updater.launchApp(Updater.java:89)
    at org.gvsig.andamiupdater.Updater.main(Updater.java:67)
INFO main org.gvsig.tools.library.AbstractLibrary - Can't initialize library 'org.gvsig.crs.JCRSPluginLibrary'.
java.lang.RuntimeException: java.io.FileNotFoundException: Source 'C:\Program Files\gvSIG desktop
2.3.0-2429\gvSIG\extensiones\org.gvsig.projection.app.jcrs\db\EPSG\EPSG_v8_7' does not exist
    at org.gvsig.crs.JCRSPluginLibrary.initalizeHomeDB(JCRSPluginLibrary.java:138)
    at org.gvsig.crs.JCRSPluginLibrary.doInitialize(JCRSPluginLibrary.java:45)
    at org.gvsig.tools.library.AbstractLibrary.initialize(AbstractLibrary.java:338)
    at org.gvsig.tools.library.AbstractLibrariesInitializer.initializeLibraries(AbstractLibrariesInitializer.java:256)
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at org.gvsig.tools.library.AbstractLibrariesInitializer.initialize(AbstractLibrariesInitializer.java:90)
at org.gvsig.tools.library.AbstractLibrariesInitializer.fullInitialize(AbstractLibrariesInitializer.java:115)
at org.gvsig.andami.Launcher.initializeLibraries(Launcher.java:782)
at org.gvsig.andami.Launcher.doMain(Launcher.java:570)
at org.gvsig.andami.Launcher.main(Launcher.java:395)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(Unknown Source)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(Unknown Source)
at java.lang.reflect.Method.invoke(Unknown Source)
at org.gvsig.andamiupdater.Updater.launchApp(Updater.java:89)
at org.gvsig.andamiupdater.Updater.main(Updater.java:67)
```

Caused by: java.io.FileNotFoundException: Source 'C:\Program Files\gvSIG desktop 2.3.0-2429\gvSIG\extensiones\org.gvsig.projection.app.jcrs\db\EPSG\EPSG\_v8\_7' does not exist

```
at org.apache.commons.io.FileUtils.copyDirectory(FileUtils.java:1368)
at org.apache.commons.io.FileUtils.copyDirectory(FileUtils.java:1261)
at org.apache.commons.io.FileUtils.copyDirectory(FileUtils.java:1230)
at org.gvsig.crs.JCRSPluginLibrary.initalizeHomeDB(JCRSPluginLibrary.java:135)
... 14 more
```

The right EPSG database version to be initialized should be 8.8, instead of 8.7.  
Related to #4174 and #4237.

#### Related issues:

Duplicated by Application: gvSIG desktop - gvSIG bugs # 4246: Error in the in...

Invalid

06/28/2016

#### Associated revisions

**Revision 556 - 06/27/2016 10:01 AM - Daniel Martinez**

refs #4238 Changed EPSG version to 8.8

#### History

**#1 - 06/24/2016 10:57 AM - Joaquín del Cerro Murciano**

- Assignee set to Daniel Martinez

**#2 - 06/24/2016 11:00 AM - Joaquín del Cerro Murciano**

- Priority changed from Normal to High

**#3 - 06/24/2016 01:37 PM - Daniel Martinez**

- % Done changed from 0 to 100

- Status changed from New to Fixed

Tested in 2431. No error found with jcrs and appears v8.8

**#4 - 06/24/2016 03:52 PM - Antonio Falciano**

- Status changed from Fixed to New

Daniel,

it seems that the error happens only the first time after a fresh install, when there's not a gvSIG home folder coming from a previous gvSIG version/build. To solve it, take a look to the fixes made in gvSIG 2.2 by Francisco Diaz (#3488). So the EPSG Registry version should be updated to 8.8 in JCRSPluginLibrary.java:

```
private static final String EPSG_VERSION = "EPSG_v8_8";
```

**#5 - 06/27/2016 10:08 AM - Daniel Martinez**

- Target version changed from 2.3.0-2447-final (rev. org.gvsig.desktop-2.0.153) to 2.3.0-2434 (rev. org.gvsig.desktop-2.0.140)
- Status changed from New to Fixed

Hello Andrea,

Thanks for your help. You were right. I tried this after a fresh install and it crashed. I changed the version in JCRSPluginLibrary.java, compiled and changed the new generated folder in the installation and it worked well.

So this should be resolved with the next generated version.

**#6 - 07/01/2016 12:58 PM - Daniel Martinez**

- Duplicated by gvSIG bugs #4246: Error in the initialization of application (build 243\*) added

**#7 - 07/02/2016 07:38 PM - Antonio Falciano**

- Status changed from Fixed to Closed