

Application: gvSIG desktop - gvSIG bugs #3975

Scripts can't be executed because of a wrong sys.path

01/02/2016 05:23 PM - Antonio Falciano

Status:	Closed	% Done:	0%
Priority:	High	Spent time:	0.00 hour
Assignee:	Joaquín del Cerro Murciano		
Category:	Scripting		
Target version:	2.3.0-2416 (rev. org.gvsig.desktop-2.0.122)		
Severity:	Major	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

The scripts can't be executed because the site module is not found. It seems that the issue is due to a wrong sys.path where the gvSIG folder is considered two times:

ImportError: Cannot import site module and its dependencies: No module named site

Determine if the following attributes are correct:

* sys.path:

```
['C:\\gvSIG-desktop-2.3.0-2413_x86_64\\:\\gvSIG-desktop-2.3.0-2413_x86_64\\gvSIG\\extensiones\\org.gvsig.scripting.app.mainplugin\\lib\\inplugin\\lib\\Lib', '__classpath__', '__pyclasspath__']
```

This attribute might be including the wrong directories, such as from CPython

* sys.prefix:

```
C:\\gvSIG-desktop-2.3.0-2413_x86_64\\gvSIG-desktop-2.3.0-2413_x86_64\\gvSIG\\extensiones\\org.gvsig.scripting.app.mainplugin\\lib\\inplugin\\lib
```

This attribute is set by the system property python.home, although it can be often automatically determined by the location of the Jython jar file

You can use the -S option or python.import.site=false to not import the site module

Related issues:

Related to Application: gvSIG desktop - gvSIG bugs # 3976: The Jython console...

Closed

01/02/2016

Associated revisions

Revision 42649 - 01/20/2016 12:14 PM - Joaquín del Cerro Murciano

refs #3975, añadido código para que los autorun.sh de los plugins puedan especificar propiedades de java

Revision 524 - 01/20/2016 12:16 PM - Joaquín del Cerro Murciano

refs #3975, añadida la inicialización de "python.home" ya que en windows no es capaz de encontrarlo de forma automática.

History

#1 - 01/20/2016 09:20 AM - Joaquín del Cerro Murciano

- Target version set to 2.3.0-2416 (rev. org.gvsig.desktop-2.0.122)
- Priority changed from Normal to High
- Assignee set to Joaquín del Cerro Murciano

#2 - 01/20/2016 09:20 AM - Joaquín del Cerro Murciano

- Related to gvSIG bugs #3976: The Jython console can't be executed added

#3 - 01/20/2016 09:52 AM - Joaquín del Cerro Murciano

Estoy en ello...

<http://bugs.jython.org/issue2355>

#4 - 01/20/2016 10:26 AM - Joaquín del Cerro Murciano

Ademas de ese error en mi sistema tambien estaba fallando por que no podia escribir en la carpeta cachedir:

```
*sys-package-mgr*: can't create package cache dir,
'c:\devel\gvSIG-desktop\gvSIG-desktop-2.3.0-2314\devel\gvSIG-desktop\gvSIG-desktop-2.3.0-2314\gvSIG\extensiones\org.gvsig.scripting.app.mainplugin\
p.mainplugin\lib\cachedir\packages'
INFO [AWT-EventQueue-0] (DefaultJScriptingComposer.java:1327) - Can't execute dialog-
ImportError: Cannot import site module and its dependencies: No module named site
Determine if the following attributes are correct:
```

He añadido código para que el cachedir lo genere en la carpeta del usuario (gvSIG/plugins/org.gvsig.scripting.app.mainplugin/python.cachedir).

El error de:

```
ImportError: Cannot import site module and its dependencies: No module named site
```

Me sigue pasando.

#5 - 01/20/2016 12:41 PM - Joaquín del Cerro Murciano

- Status changed from New to Fixed

Al parecer en windows no localizaba correctamente el "python.home".

He incluido código en el autorun.sh del plugin de python para que localice el jar de jython que se está usando y establezca el "python.home" a él.

Supongo que con esto no debería hacer falta lo del "python.cachedir", pero lo voy a dejar ya que me parece mejor dejarlo en el \$HOME/gvSIG/... que en la carpeta de la instalación.

<http://www.jython.org/archive/21/docs/registry.html>

<http://www.jython.org/archive/22/userfaq.html#where-s-the-registry-file>

#6 - 01/25/2016 05:59 PM - Antonio Falciano

- Status changed from Fixed to Closed