

**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

<b>Status:</b>	Closed	<b>% Done:</b>	0%
<b>Priority:</b>	High	<b>Spent time:</b>	0.00 hour
<b>Assignee:</b>	Joaquín del Cerro Murciano		
<b>Category:</b>	Scripting		
<b>Target version:</b>	2.3.0-2416 (rev. org.gvsig.desktop-2.0.122)		
<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>	2413	<b>Add-on resolve version:</b>	
<b>Operative System:</b>		<b>Add-on resolve build:</b>	
<b>Keywords:</b>		<b>Proyecto:</b>	
<b>Has patch:</b>		<b>Hito:</b>	
<b>Add-on name:</b>	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 codigo para que los autorun.sh de los plugins puedan especificar properties de java

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

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

**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