

Installation Instructions

Step 1

The first thing to ensure is you have python, most linux distributions will have it. Galaxy requires Python 2.6 . To check your python version, run:

```
% python -V
```

Step 2

Installing ZSI

To install ZSI 2.1 go to <http://sourceforge.net/projects/pywebsvcs/files/> and download the installation folder.

Unzip the Contents to a convenient location, and from the installation directory run-

```
%sudo python setup.py install
```

If you want ZSI 2.0 You will need to make modifications to [wsdl2path.py](#) in the clientGenerator package : Comment lines 27, 33, 59 and Un-comment lines 28, 34, 60

Step 3

Installing JPype

Download Jpype-0.5.4.1 from <http://sourceforge.net/projects/jpype/>

Unzip the Contents to a convenient location, and JAVA_HOME environment variable pointing to the location of your Java Installation directory

And from the installation directory run-

```
%sudo python setup.py install
```

To verify if Jpype is installed correctly or not, do ->

```
/home/Downloads/JPype-0.5.4.1$ python
Python 2.6.6 (r266:84292, Sep 15 2010, 15:52:39)
[GCC 4.4.5] on linux2
Type "help", "copyright", "credits" or "license" for more information.
>>> import jpype
```

If it does not give any errors the installation is successful.

Step 4

Once you have all this, you are ready to go ahead and setup Galaxy. (If you have a galaxy instance running you can skip this part)

Get the latest copy of the Galaxy server from <https://bitbucket.org/galaxy/galaxy-dist/>
They also have necessary instructions for download on the same page

Set an environment variable as GALAXY_HOME pointing to the galaxy installation directory

To check if the variable is set execute the following command

```
% echo $GALAXY_HOME
```

You should get the path to your galaxy folder as response.

Step 5

Installing GALAXY Extensions :

For installing the Galaxy WebServiceExtension go to the url above <http://mango.ctegd.uga.edu/jkissingLab/SWS/Galaxy/index.html>

and download the WebServiceExtensions.tar.gz

Run the following commands in the terminal

Note: Environmental variable GALAXY_HOME should be set.

```
%tar xzvf WebServiceExtensions.tar.gz
```

```
%cd WebServiceExtensions
```

```
%python install.py
```

Now start galaxy if it is not already started else restart galaxy if galaxy is already running.

You will find a new tool added to the list of tools on your left as "Add Web Service Tools". Refer to the Users guide for more details about the tool and using it.