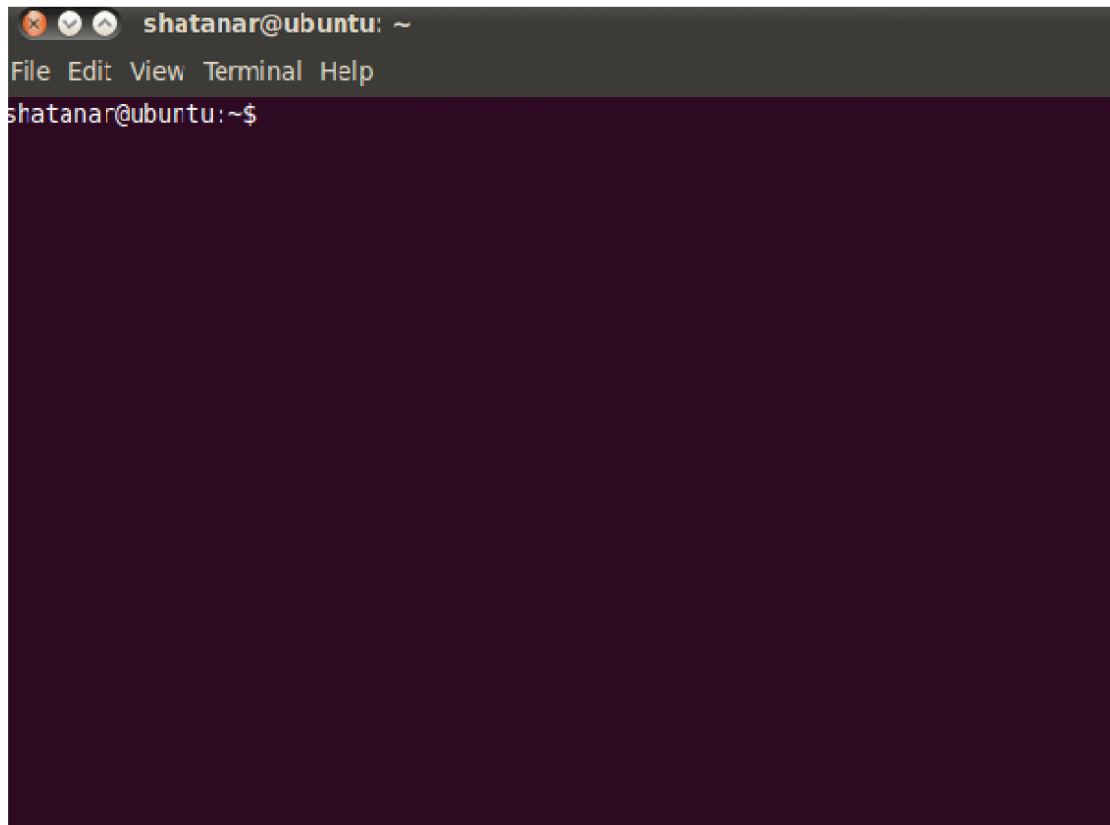
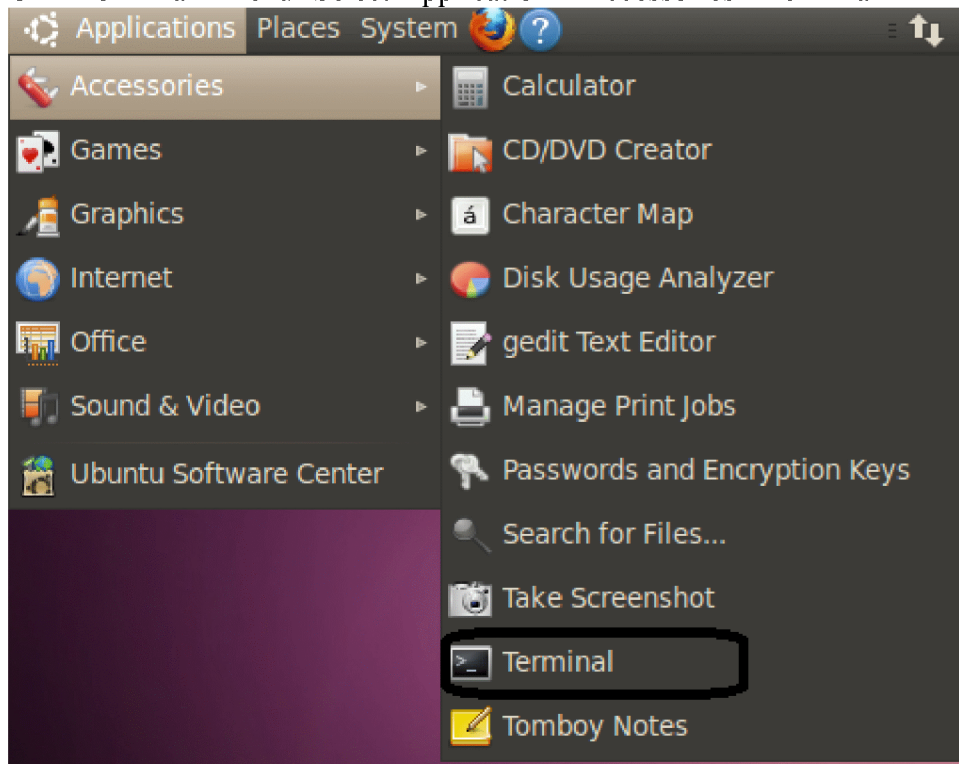


# Tutorial how to install CSP on Ubuntu server.

## Installing JAVA

Firstly you will need to open a putty terminal or cmd window to you server.

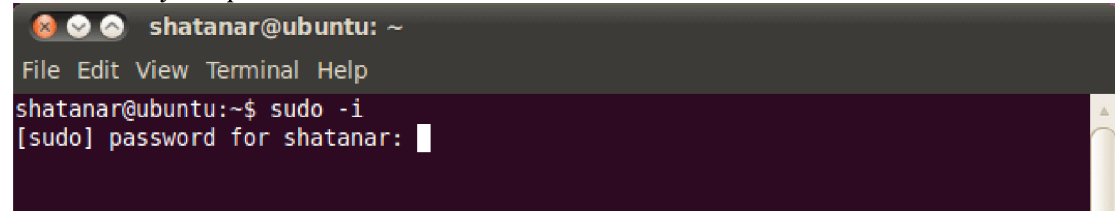
Or – from Main Menu- Select Application – Accessories - Terminal



Then type the below code Quote:

```
sudo -i
```

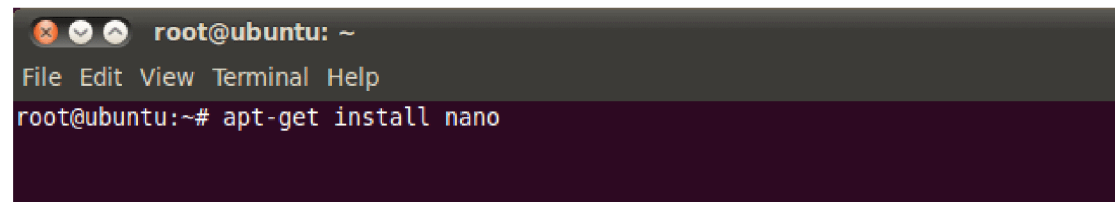
Then enter your password

A terminal window with a dark background. The title bar shows three window control icons and the text 'shatanar@ubuntu: ~'. Below the title bar is a menu bar with 'File', 'Edit', 'View', 'Terminal', and 'Help'. The terminal content shows the prompt 'shatanar@ubuntu:~\$' followed by the command 'sudo -i'. Below that, it says '[sudo] password for shatanar:' followed by a white cursor block.

Then install the text editor nano:

Quote:

Code:  
apt-get install nano

A terminal window with a dark background. The title bar shows three window control icons and the text 'root@ubuntu: ~'. Below the title bar is a menu bar with 'File', 'Edit', 'View', 'Terminal', and 'Help'. The terminal content shows the prompt 'root@ubuntu:~#' followed by the command 'apt-get install nano'.

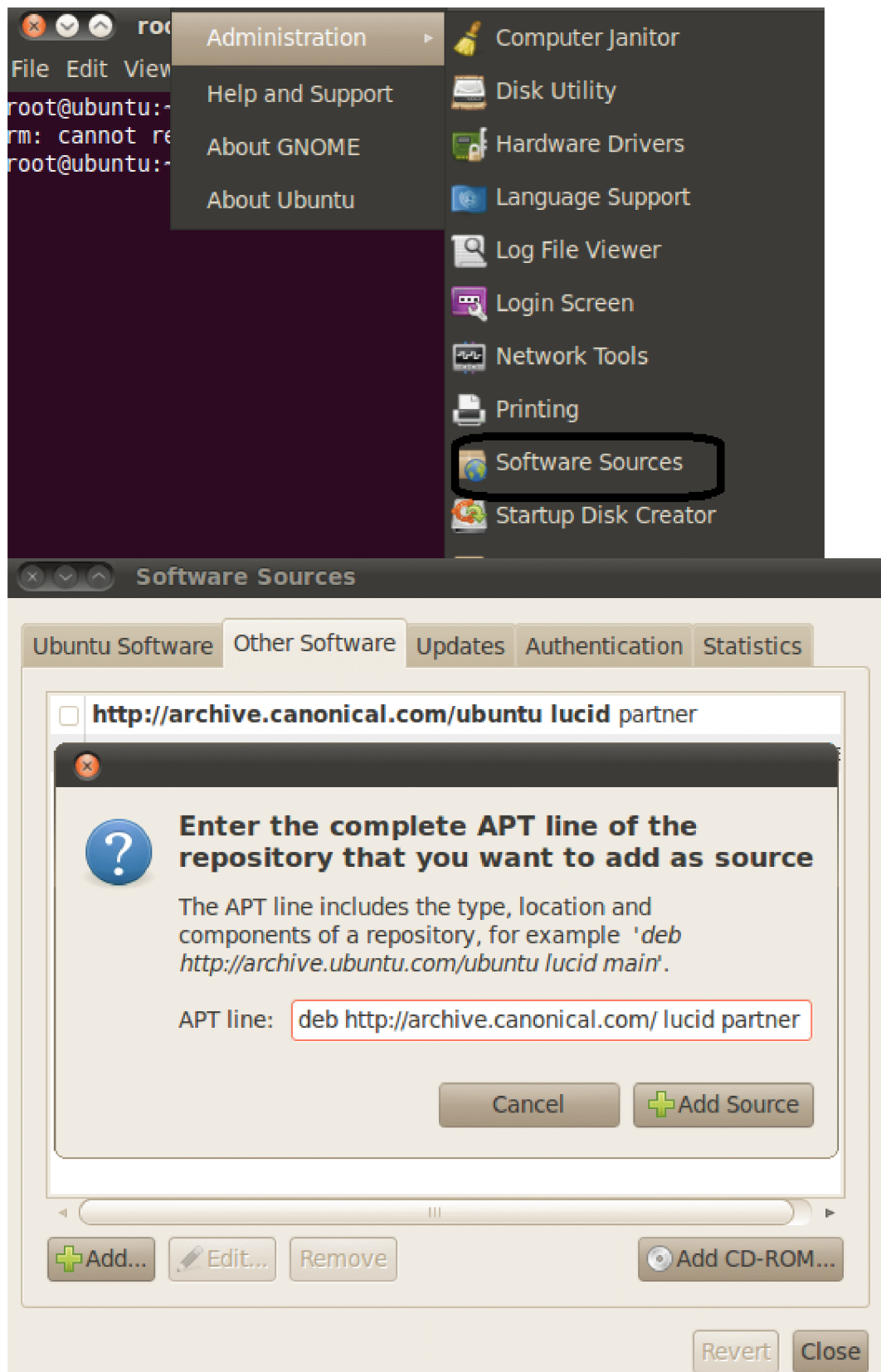
From menu:

Add & enable Partner Repo:

SYSTEM -> ADMINISTRATION -> SOFTWARE SOURCES -> OTHER  
SOFTWARE -> ADD

Quote:

```
deb http://archive.canonical.com/ lucid partner
```

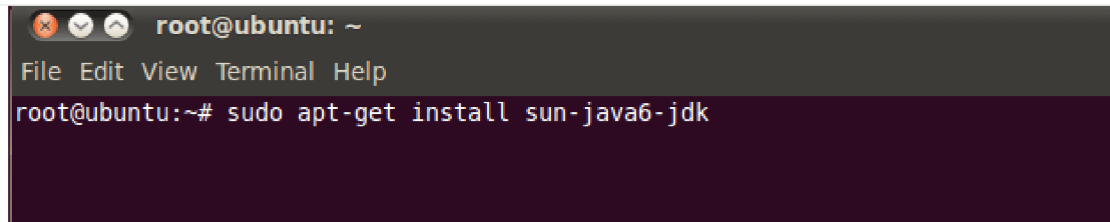


Then CLOSE window and RELOAD, then search for Sun Java or

Quote:

Code:

```
sudo apt-get install sun-java6-jdk
```

A terminal window titled 'root@ubuntu: ~' with a menu bar 'File Edit View Terminal Help'. The command 'root@ubuntu:~# sudo apt-get install sun-java6-jdk' is entered and executed.

If you get error that installation path is not /usr/lib/jvm/java-6-sun/jre/bin/java then run:

Quote:

Code:

```
sudo update-alternatives --config java
```

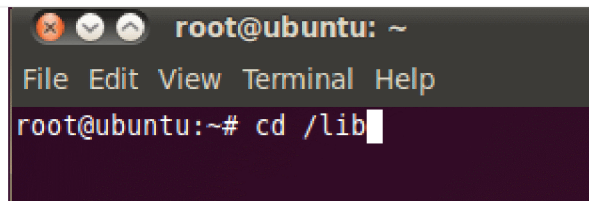
and select the option that has the path /usr/lib/jvm/java-6-sun/jre/bin/java

## Installing & compiling CSP

Create a folder called cspsvn in this path /lib:

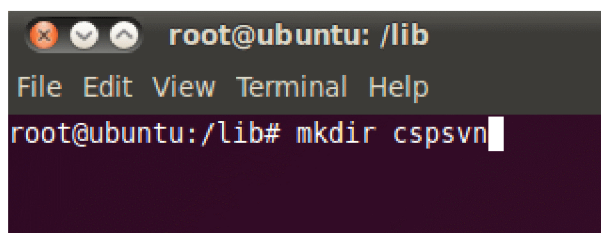
Quote:

```
cd lib
```

A terminal window titled 'root@ubuntu: ~' with a menu bar 'File Edit View Terminal Help'. The command 'root@ubuntu:~# cd /lib' is entered and executed.

Quote:

```
mkdir cspsvn
```

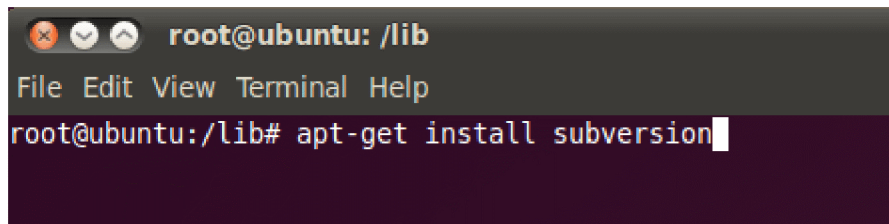
A terminal window titled 'root@ubuntu: /lib' with a menu bar 'File Edit View Terminal Help'. The command 'root@ubuntu:/lib# mkdir cspsvn' is entered and executed.

Next we are going to download csp using subversion

Quote:

Code:

```
apt-get install subversion
```

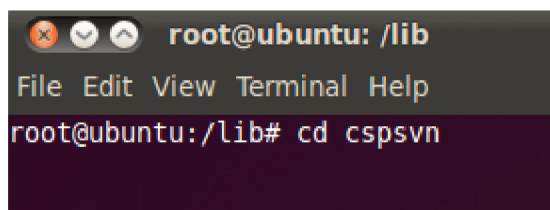


```
root@ubuntu: /lib
File Edit View Terminal Help
root@ubuntu:/lib# apt-get install subversion
```

Then

Quote:

Code:  
cd cspsvn

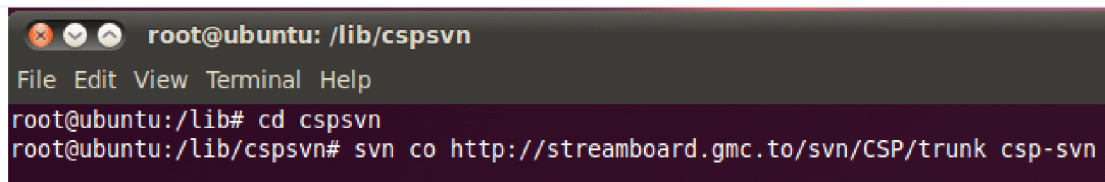


```
root@ubuntu: /lib
File Edit View Terminal Help
root@ubuntu:/lib# cd cspsvn
```

Then download CSP

Quote:

svn co <http://streamboard.gmc.to/svn/CSP/trunk> CSP-svn

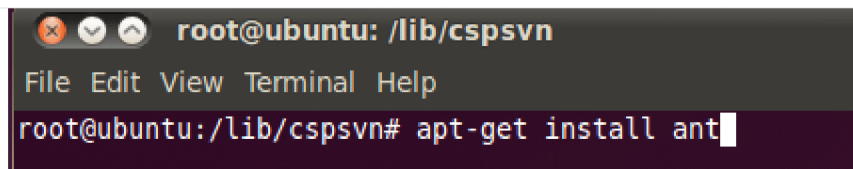


```
root@ubuntu: /lib/cspsvn
File Edit View Terminal Help
root@ubuntu:/lib# cd cspsvn
root@ubuntu:/lib/cspsvn# svn co http://streamboard.gmc.to/svn/CSP/trunk csp-svn
```

Compiling CSP

Quote:

Code:  
apt-get install ant



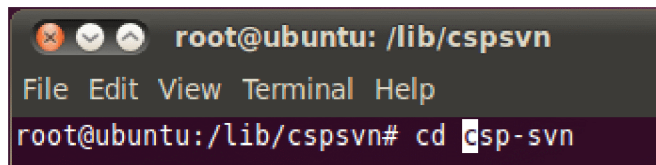
```
root@ubuntu: /lib/cspsvn
File Edit View Terminal Help
root@ubuntu:/lib/cspsvn# apt-get install ant
```

Now ant is installed.

Then we are compiling CSP.

Quote:

Code:  
cd csp-svn

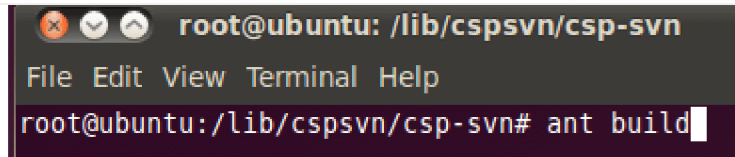


```
root@ubuntu: /lib/cspsvn
File Edit View Terminal Help
root@ubuntu:/lib/cspsvn# cd csp-svn
```

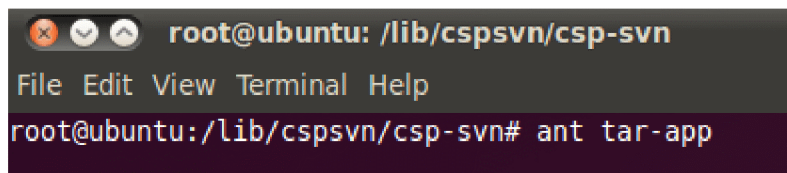
Quote:

Code:

ant build  
ant tar-app



```
root@ubuntu: /lib/cspsvn/csp-svn
File Edit View Terminal Help
root@ubuntu:/lib/cspsvn/csp-svn# ant build
```



```
root@ubuntu: /lib/cspsvn/csp-svn
File Edit View Terminal Help
root@ubuntu:/lib/cspsvn/csp-svn# ant tar-app
```

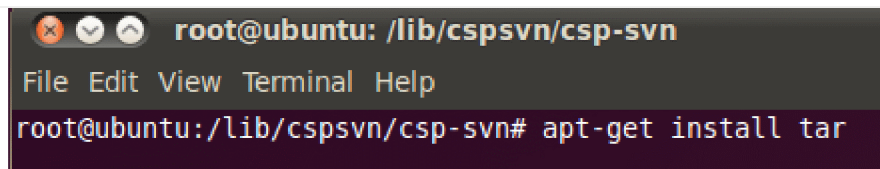
Now the csp is compiled.

Installing tar

Quote:

Code:

apt-get install tar



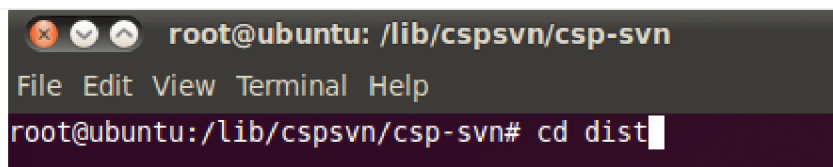
```
root@ubuntu: /lib/cspsvn/csp-svn
File Edit View Terminal Help
root@ubuntu:/lib/cspsvn/csp-svn# apt-get install tar
```

Then

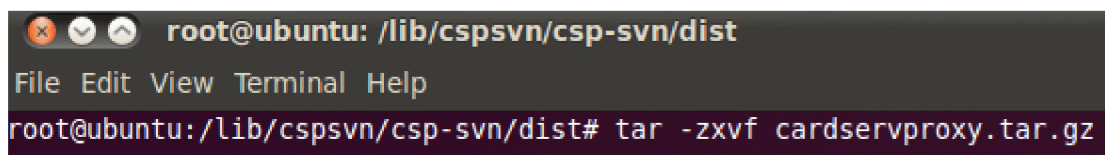
Quote:

Code:

cd dist  
tar -zxvf cardservproxy.tar.gz



```
root@ubuntu: /lib/cspsvn/csp-svn
File Edit View Terminal Help
root@ubuntu:/lib/cspsvn/csp-svn# cd dist
```

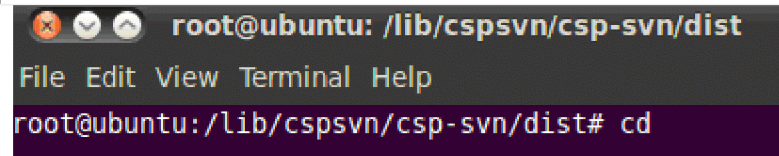


```
root@ubuntu: /lib/cspsvn/csp-svn/dist
File Edit View Terminal Help
root@ubuntu:/lib/cspsvn/csp-svn/dist# tar -zxvf cardservproxy.tar.gz
```

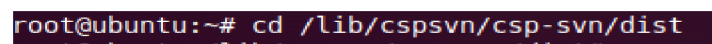
Now we will rename the cardservproxy folder to csp and put it directly in this folder /usr/local/

Quote:

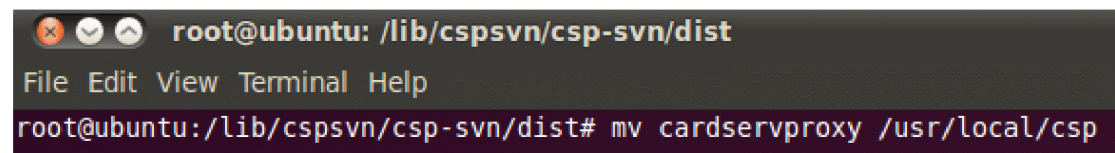
```
Code:
cd
cd /lib/cspsvn/csp-svn/dist
mv cardservproxy /usr/local/csp
```



```
root@ubuntu: /lib/cspsvn/csp-svn/dist
File Edit View Terminal Help
root@ubuntu:/lib/cspsvn/csp-svn/dist# cd
```



```
root@ubuntu:~# cd /lib/cspsvn/csp-svn/dist
```



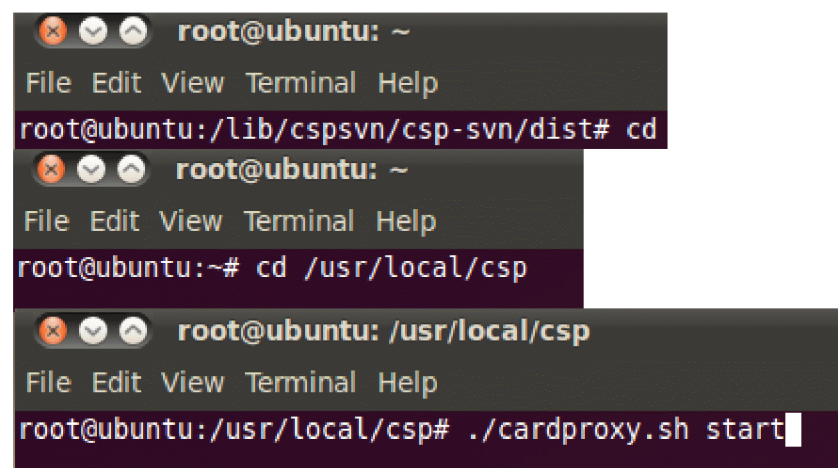
```
root@ubuntu: /lib/cspsvn/csp-svn/dist
File Edit View Terminal Help
root@ubuntu:/lib/cspsvn/csp-svn/dist# mv cardservproxy /usr/local/csp
```

Now our csp is compiled and exists in this path /usr/local

Running CSP

Quote:

```
Code:
cd
cd /usr/local/csp
./cardproxy.sh start
```



```
root@ubuntu: ~
File Edit View Terminal Help
root@ubuntu:/lib/cspsvn/csp-svn/dist# cd

root@ubuntu: ~
File Edit View Terminal Help
root@ubuntu:~# cd /usr/local/csp

root@ubuntu: /usr/local/csp
File Edit View Terminal Help
root@ubuntu:/usr/local/csp# ./cardproxy.sh start
```

If this is your first installation, you will have to ./cardproxy.sh start once again which will give you a default xml to work with.



```
root@ubuntu: /usr/local/csp
File Edit View Terminal Help
root@ubuntu:/usr/local/csp# ./cardproxy.sh start
```

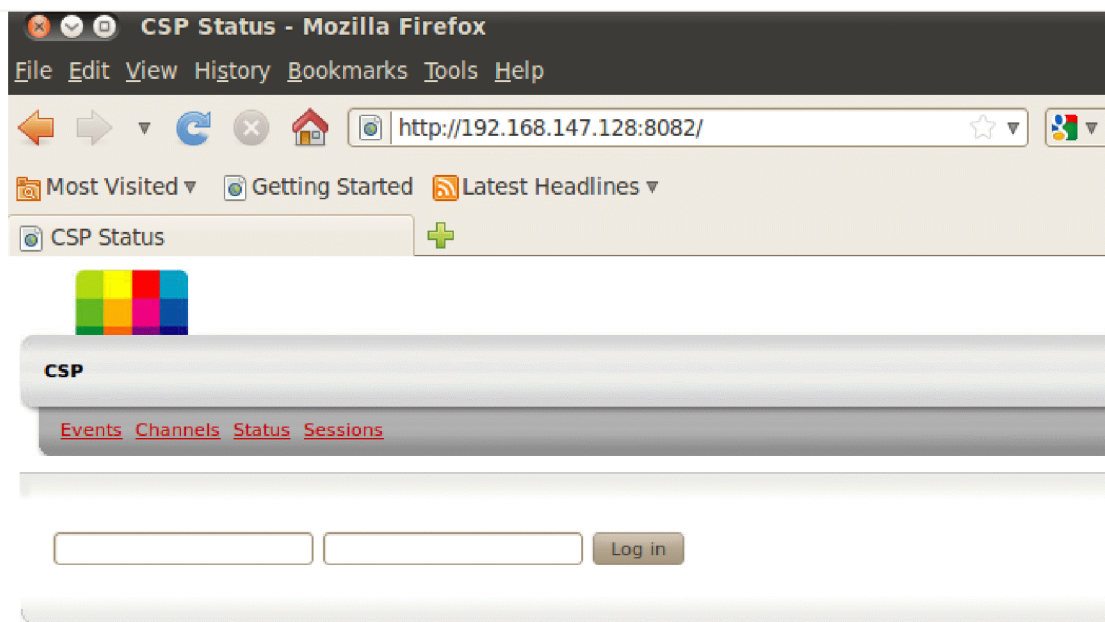
Now to Check CSP is running there is a Web interface, the default port is 8082

so in your browser enter your servers ip followed by :8082

example:

Quote:

<http://192.168.147.128:8082>



Default user name is = admin

Default password name is = sercet



Default Password is = secret

CSP Status: Csproxy1 - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://192.168.147.128:8082/

Most Visited Getting Started Latest Headlines

CSP Status: Csproxy1

Do you want Firefox to remember the password for "admin" on http://192.168.147.128:8082? Remember Never for This Site Not Now

Mon, 17 Oct 2011 12:03:40 -0700 ☒ Auto polling

**CSP 0.9.0r201** - JVM: [java HotSpot(TM) Client VM1.6.0\_26-b03] Heap: [2352k/7872k] TC: [13] FD: [29/1024] OS: [Linux 2.6.32-31-generic (i386)]

[Events](#) [Channels](#) [Status](#) [Sessions](#) [Admin](#) [Config](#) [Logout](#)

Profile filter: ALL

**CWS Events** (connector activities) Clear

No events

**File Log Events** (recent WARNING and SEVERE level loggings) Clear

No events