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HOW TO INSTALL g4svn on a distant Linux machine ?

On the local Linux machine (for eg. a virtual Linux VMware machine)

ssh must be installed

python version 2.4 and above must be installed

under my home (for eg. /home/local1), do:

```
svn co svn+ssh://sincerti@svn.cern.ch/repos/g4tools/trunk/svntools/g4svn g4svn
```

give my CERN password twice

as root, add this line to .cshrc (this is the path to g4svn)

```
setenv PATH "${PATH}:/home/local1/g4svn"
```

```
ssh-keygen -t dsa
```

```
scp ~/.ssh/id_dsa.pub sincerti@lxplus.cern.ch:~
```

Logon to CERN lxplus.cern.ch and do

```
cat ~/id_dsa.pub >> ~/.ssh/authorized_keys
```

```
/afs/cern.ch/project/svn/dist/bin/set_ssh
```

On the local Linux PC

```
ssh sincerti@svn.cern.ch
```

```
g4svn co --login=sincerti trunk
```

this command will checkout the current geant4 head

then see this [↗](#)

-- SebastienIncerti - 20-Jan-2011

This topic: Geant4 > LoweSVN

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