

How to set up your account for SVN+SSH and Trac

SVN+SSH for Windows users

SSH

1. Install PuTTY and friends: <http://the.earth.li/~sgtatham/putty/latest/x86/putty-0.63-installer.exe>
2. Start PuTTYgen (puttygen.exe) and generate a new SSH-2/RSA key.
3. Add a passphrase.
4. Save both keys (private and public).
5. Send the **public** key and a username you'd like to have to the system administrator (currently p.meier@ucl.ac.uk)
6. Once your account is created it's time to test it:
 - a. Start up PuTTY.
 - b. In the "Session" tab enter the hostname (ec2-54-229-95-247.eu-west-1.compute.amazonaws.com), port 22 is fine.
 - c. Go to the "SSH -> Auth" tab and load your private key file generated before.
 - d. Go back to the "Session" tab, give the connection a name (it is best if you use the domain name as session name) and hit "Save"
 - e. Select the connection just created and hit "Open"
 - f. A window will ask you for your username and private key passphrase
 - g. If you see no error messages, your account is created successfully. **Congratulations!**

7. Start *Pageant*, which is part of the PuTTY installation. A new icon will appear in the notification toolbar (bottom right).
8. Right click on this icon and select *Add key*
9. Locate your private key file and load it. You will have to provide your key pass phrase.

You are now ready to checkout the source code from the repository.

SVN

1. Install TortoiseSVN, you can get it from here: <http://sourceforge.net/projects/tortoisesvn/?source=pdf>
2. Create a folder where the code should be checked out to. Right click that folder and select *SVN Checkout...*

The URL of the SVN repository is:

```
svn+ssh://<user>@ec2-54-229-95-247.eu-west-1.compute.amazonaws.com
/home/svn/svnrepository/HYDRA
```

Note

If you connect the first time to the SVN server, TortoiseSVN might ask you for the password multiple times (usually twice).

SVN+SSH for Linux users

Creating an account is pretty much the same as the procedure for Windows users. A few helpful commands are listed below.

1. Generate a key pair:

```
ssh-keygen -b 2048 -t rsa -N <passphrase> -f <keyfile>
```

2. Let ssh know that you would like to use this key-file for connection with the Hydra server. Add the following to `~/.ssh/config`:

```
Host ec2-54-229-95-247.eu-west-1.compute.amazonaws.com ec2hydra
  Hostname ec2-54-229-95-247.eu-west-1.compute.amazonaws.com
  IdentityFile <keyfile>
  User <username>
  ForwardX11 no
```

This will also provide a shortcut to the server which allows you to connect like this:

```
ssh <username>@ec2hydra
```

Trac

Note

Trac accounts are created on request. If you don't need access to the SVN repository, you can still get an account for Trac. A user account will allow you to view the source code, file bugs, etc.