



ubuntu

linux for human beings

Bazaar

Installing

To install Bazaar we also need ssh, type:

```
sudo apt-get install bazaar ssh
```

Identifying yourself

Bazaar needs to know a little about you, allowing changes you make to be integrated with Launchpad. There are two things we need here - your Launchpad username and your ssh key. A ssh key is a method of encryption and you generate the key by typing:

```
ssh-keygen -t rsa
```

Then goto your [Launchpad](#) page click "Change Details" then "SSH Keys" and follow the instructions. Lastly, so Launchpad links your changes with your username type:

```
gedit ~/.ssh/config
```

Add the following:

```
Host *launchpad.net  
User USERNAME
```

Now we'll let Bazaar know - type:

```
bazaar whoami 'NAME EMAIL'  
bazaar launchpad-login USERNAME
```

Checking out

```
bazaar branch ADDRESS
```

Bazaar will download the branch into the current directory. Bazaar also creates a directory to store it in.

Updating checked out files

```
bazaar update
```

This will tell you if any changes are available and if you want to merge them into your work type:

```
bazaar merge
```

Add new files

In order to add files to a project you need to tell Bazaar - type:

```
bzr add FILENAME
```

Producing patches

```
bzr diff FILENAME FILENAME.PATCH
```

Committing changes

```
bzr commit -m "Description of changes"
```

Pushing changes (if you have commit access)

These changes are only on your computer - to share them you need to "push" your changes:

```
bzr push bzr+ssh://username@bazaar.launchpad.net/ADDRESS
```

Binding a branch to commit

It's easier to have Bazaar push changes when you commit and this can be done with:

```
bzr bind bzr+ssh://USERNAME@bazaar.launchpad.net/ADDRESS
```

Apply a received patch

Change to the directory that contains the file to be patched and type:

```
patch -p0 < PATH/PATCHNAME
```

Reverting to an earlier state

For example to revert to revision five type:

```
bzr revert -r 5
```



More about the Documentation Team:

Wiki Page <https://wiki.ubuntu.com/DocumentationTeam>
Launchpad <https://launchpad.net/ubuntu-doc>
Mailing list <https://lists.ubuntu.com/mailman/listinfo/ubuntu-doc>
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