[**https://bdhacker.wordpress.com/2012/01/11/create-svn-repository-in-ubuntu-access-via-http/**](https://bdhacker.wordpress.com/2012/01/11/create-svn-repository-in-ubuntu-access-via-http/)

**Create SVN Repository in Ubuntu & Access via HTTP**

**Requirements:**

**Assuming, you’ve Apache server installed already**.

**1. Install SVN**

Open a terminal & type:

sudo apt-get install subversion

**2. Create Repo**

Let’s say, we want to create a repo in **/var/svn/myrepo**. Type in terminal:

cd /var

sudo mkdir svn

sudo svnadmin create /var/svn/myrepo

**3. Users & Groups**

Create a user & group named “svn”:

sudo adduser svn

**Add user “www-data” to “svn” group:**

sudo usermod -a -G svn www-data

sudo chown -R www-data:svn /var/svn/myrepo # Run this twice

sudo chmod -R g+rws /var/svn/myrepo # Run this twice

**4.  Configure Apache2**

Run in terminal:

sudo apt-get install libapache2-svn

You’ll find a file in **/etc/apache2/sites-enabled** folder. Let’s say, this file is “*000-default*” (in most cases) – edit this file by typing:

gksudo gedit /etc/apache2/sites-enabled/000-default

Add following lines in the beginning of the file:

    <Location /svn/myrepo>

      DAV svn

      SVNPath /var/svn/myrepo

      AuthType Basic

      AuthName "Subversion Repository"

      AuthUserFile /etc/apache2/passwords

      Require valid-user

    </Location>

Save the file, then restart apache:

sudo /etc/init.d/apache2 restart

**5. Adding Users**

Then Add the first user typing:

sudo htpasswd -cb /etc/apache2/passwords user1 password-for-user

# Add more users...

sudo htpasswd -b /etc/apache2/passwords user2 password-for-user

Finally, you’ll be able to access your repo at:

http://<ip-of-your-machine>/svn/myrepo

Instead of <ip-of-your-machine> you can also use your computer’s name.

**Tag :** tag is areference snapashot for project in time

It is a mile stone that’s all

At the time of release we tag it with a version number…….

Basically tag highlights on the version….