

# How to Create a New Subversion Repository

The following instructions will create a repository called `FOO` for the project called `FOO`. The example assumes the user has root privileges via `sudo` on `beaver.codehaus.org`:

1. Be sure that the project `FOO` has already been created. If not, create the project using [newproject](#).
2. Create the Subversion repository in `/home/projects/FOO/scm` with the following command:

```
sudo svnadmin create /home/projects/FOO/scm
```

3. Create a new group (or use an existing group) for the new repository (if you used the project creation tool, the group is automatically created). This group of users will have read-write access to the project. Add the `apache` user to the group if ViewCVS access or anonymous `svnserve` access is desired. In the current version of ViewCVS, read-write access is required in order to provide a web-based interface to the repository.
4. Change the permissions on the new repository by following the instructions in [How to Configure the Permissions in a Subversion Repository](#)
5. Configure the repository to send commit emails. Please see [How to Send Subversion Commit Logs to Email](#).
6. Enable ViewCVS access for the repository and enable automatic backups for repository by creating a symlink in the `/svnroot` directory:

```
sudo ln -s /home/projects/FOO/scm /svnroot/FOO
```

7. It is strongly recommended that the project committers are sent a link to [How to Organize a Subversion Repository](#).