

# Development Support: How to Branch a Project

From pitawiki

Before you begin, you must have a command-line SVN install on your machine. At the time this was written, the Subversion server version was 1.7+. Your client must support this version.

- Check out code to branch (this can either be the trunk or a tag)
- Execute the appropriate Maven command (replacing values to correspond to your project)
  - Creating a branch from the trunk:

```
release:branch -DbranchName=example-bugfix-1.12 -Dusername=jsmith -Dpassword=supersecretsvnpassword -Ddevelop
```

- Creating a branch from a tag:

```
release:branch -DbranchName=example-bugfix-1.12 -Dusername=jsmith -Dpassword=supersecretsvnpassword -Dupdate
```

- Create or update ('Repository URL') Jenkins job.
  - If updating, the SVN source location needs to point to the correct branch.
- Create or update Jenkins triggers on the newly create branch and the old branch (if one exists)
  - Check out the code for the new and old bugfix branches. Note: You can do a non-recursive checkout to speed up this part of the process.
  - Remove trigger from old branch (if it exists).
  - Update trigger to point to the bugfix Jenkins job.

Note: Triggers are set using SVN properties). Edit the 'hudson' property to manage which Jenkins job is triggered by a check in.

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