

# Getting started with git-svn

## Check out a repository:

```
git svn clone -s <svn-repository-url>
```

## Committing changes

First you must add the files you want to commit (not just newly created files).

```
git add <path/to/file>
```

If you accidentally added a file you can undo it by running

```
git reset HEAD <path/to/file>
```

Then you can commit like you would in subversion

```
git commit -m 'message goes here'
```

This however only commits your changes locally. To push them to the server run

```
git svn dcommit
```

## Equivalent of "svn up"

```
git svn rebase
```

however you must not have uncommitted changes. If you do run

```
git stash && git svn rebase && git stash pop
```

## Reverting files

```
git checkout <path/to/file>
```

## Reverting everything (like svn revert -R \*)

```
git reset --hard
```

**Show outstanding changes not yet marked for commit**

```
git diff
```

**Show changes marked for commit**

```
git diff --cached
```

**Show local commits that you would push to subversion with dcommit**

```
git cherry -v release3
```