# Software versioning

## Subversion

### Installation

| | |
|---|---|
| Ubuntu | `root# apt−get install subversion` |
| Fedora | `root# yum install subversion` |
| Windows | Download and install. |

### Get the repository

```
$ svn checkout [http://source.de/folder/] [/home/folder/] \
--username USERNAME
```

### Update repository

```
$ svn update
```

### Check for updates

```
$ svn status
```

### Basic changes

```
$ svn add FILENAME
$ svn rm FILENAME
$ svn move SRC DEST
```

### Commit changes

```
$ svn commit . −m "Bug_XY_removed" --username USERNAME
```

### Additional information

| | |
|---|---|
| | Documentation, Git - SVN Crash Course |
| Ubuntu | ubuntuusers.de, ubuntu.com |
| Fedora | fedorawiki.de |

## Git

### Installation

| | |
|---|---|
| Ubuntu | `root# apt−get install git` |
| Fedora | `root# yum install git ?` |
| Windows | Download and install. |

### Get the repository

```
$ git clone git://project.url.here
```

### Update repository

```
$ git pull
```

### Check for updates

```
$ git status
```

### Basic changes

```
$ git add FILENAME
$ git rm FILENAME
$ git mv SRC DEST
```

### Commit changes

```
$ git commit −a
```

### Additional information

| | |
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