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[git](#), [guide](#), [compile](#), [development](#)

Difficulty



Easy

git

Goal

Compile the latest git, this guide assumes you are using the eSG provided installation.

Steps

Library Prerequisites

```
yum -y install curl-devel expat-devel gettext-devel openssl-devel zlib-devel  
gcc perl-ExtUtils-MakeMaker
```

EXPORTS used to set versions

You can change the values here to change compiled version.

```
GIT_VERSION=2.23.0
```

Fetch git

```
cd /usr/local  
wget https://www.kernel.org/pub/software/scm/git/git-${GIT_VERSION}.tar.gz  
tar xfv git-${GIT_VERSION}.tar.gz  
cd git-${GIT_VERSION}
```

Build git

```
make prefix=/usr/local/git all
```

Install git

```
make prefix=/usr/local/git install
```

symlink to default locations (Warning)

```
ln -s /usr/local/git/bin/git /usr/bin/git
ln -s /usr/local/git/bin/git-shell /usr/bin/git-shell
ln -s /usr/local/git/bin/git-receive-pack /usr/bin/git-receive-pack
ln -s /usr/local/git/bin/git-upload-archive /usr/bin/git-upload-archive
ln -s /usr/local/git/bin/git-upload-pack /usr/bin/git-upload-pack
```

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