

# Table of Contents

- git** ..... 1
- Goal** ..... 1
- Steps ..... 1
- Library Prerequisites ..... 1
- EXPORTS used to set versions ..... 1
- Fetch git ..... 1
- Build git ..... 1
- Install git ..... 2
- symlink to default locations (Warning) ..... 2



[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-${GIT_VERSION}.tar.gz  
tar zxfv git-${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
```

From:  
<https://esgr.in/wiki/> - eSGR Documentation

Permanent link:  
<https://esgr.in/wiki/software/git?rev=1570299054>

Last update: **2019/10/05 18:10**

