

Install Git for Mac

There are different ways to install Git on Mac OS. You can install Git using Homebrew (page 1), or by downloading the Git installer package (Page 3).

Install Git via Homebrew

If Homebrew is already installed, begin with Step 6.

1. Go to the [Homebrew](https://brew.sh/) website.
2. Copy and paste the command on that page, under **Install Homebrew** into a terminal window:

```
MacBook-Pro:~ $ ruby -e "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/homebrew/go/install)"
==> This script will install:
/usr/local/bin/brew
/usr/local/Library/...
/usr/local/share/man/man1/brew.1
==> The following directories will be made group writable:
/usr/local/.
/usr/local/bin
/usr/local/share
/usr/local/share/man
/usr/local/share/man/man1
==> The following directories will have their group set to admin:
/usr/local/.
/usr/local/bin
/usr/local/share
/usr/local/share/man
/usr/local/share/man/man1
Press RETURN to continue or any other key to abort
```

3. At the next prompt enter your password and hit **Return**:

```
Press RETURN to continue or any other key to abort
==> /usr/bin/sudo /bin/chmod g+rx /usr/local/. /usr/local/bin /usr/local/share /usr/local/share/man /usr/local/share/man/man1
Password:
```

4. You will receive an installation successful message when complete:

```
Password:
==> /usr/bin/sudo /usr/bin/chgrp admin /usr/local/. /usr/local/bin /usr/local/share /usr/local/share/man /usr/local/share/man/man1
==> Downloading and installing Homebrew...
remote: Counting objects: 148563, done.
remote: Compressing objects: 100% (43540/43540), done.
remote: Total 148563 (delta 103949), reused 148559 (delta 103949)
Receiving objects: 100% (148563/148563), 29.31 MiB | 6.61 MiB/s, done.
Resolving deltas: 100% (103949/103949), done.
From https://github.com/Homebrew/homebrew
 * [new branch] master -> origin/master
HEAD is now at 21ae5fa gst-plugins-bad: add gnutls option.
==> Installation successful!
You should run 'brew doctor' *before* you install anything.
Now type: brew help
MacBook-Pro:~ $
```

5. To help diagnose Homebrew errors, install *Brew Doctor* before installing Git:

```
-MacBook-Pro:~    $ brew doctor
```

6. Update Homebrew:

```
brew update
```

```
Warning: Your Homebrew is outdated.  
You haven't updated for at least 24 hours, this is a long time in brewland!  
To update Homebrew, run `brew update`.  
l    -MacBook-Pro:~    $ brew update
```

7. Install Git:

```
brew install git
```

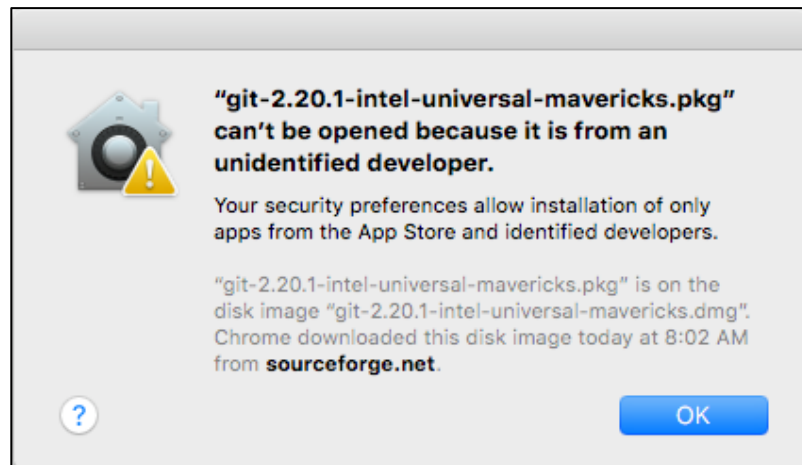
8. Check git version

```
➔ ~ git --version  
git version 2.24.1 (Apple Git-126)  
➔ ~ |
```

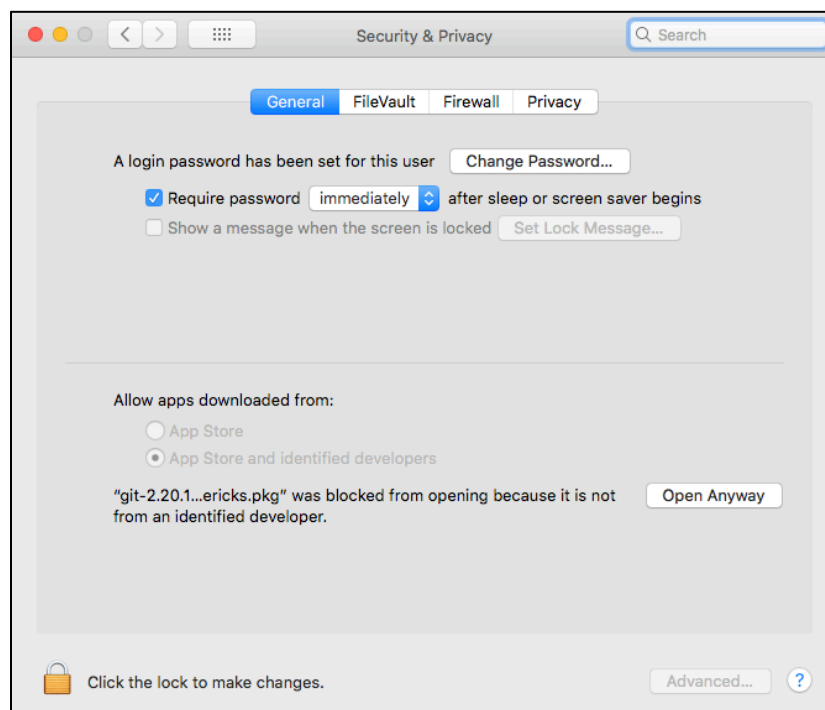
You might have newer version than the one in this screenshot

Install Git via Package Installer

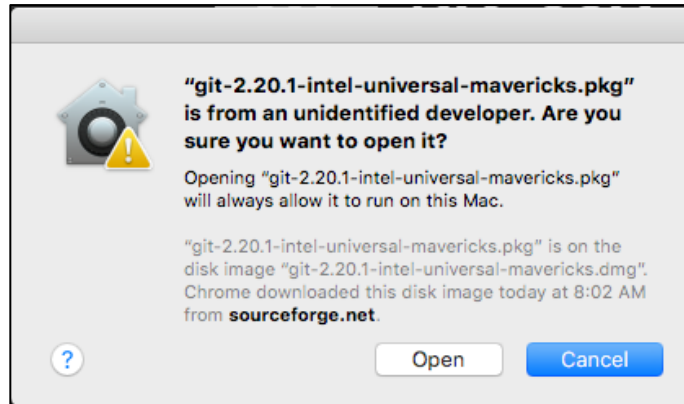
1. Go to the [Git](#) website and download the current installer for your operating system.
2. Double click on the downloaded file to begin the install.
3. Double click the `.pkg` file. A dialog window may appear stating that the file cannot be opened:



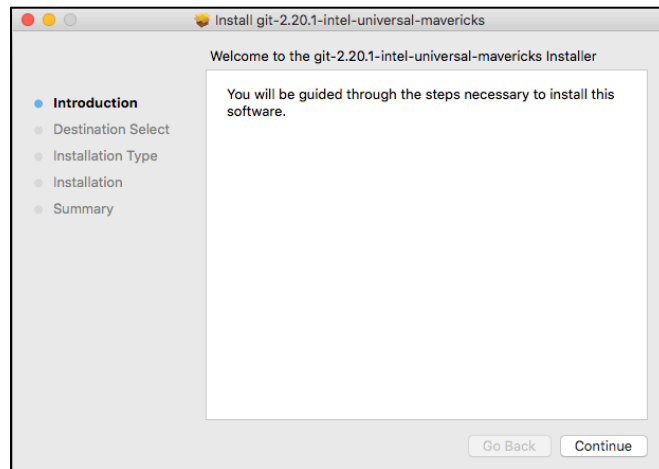
4. Click on the Apple icon in the top left of the screen, and go to **System Preferences > Security & Privacy**. Click **Open Anyway**:



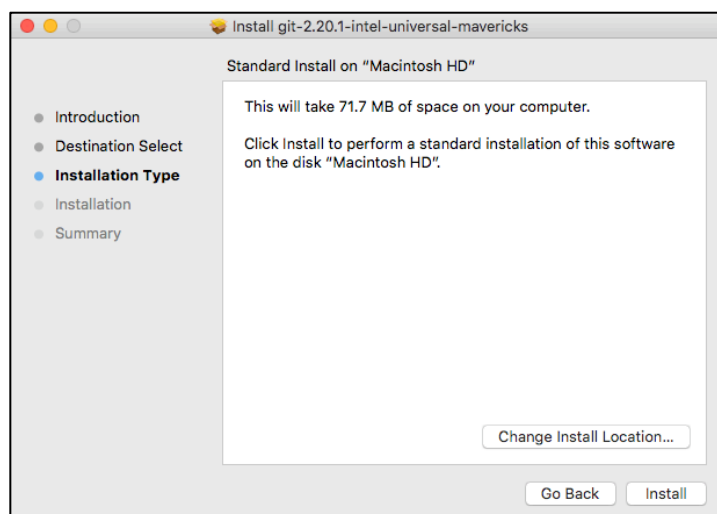
5. Click on **Open**:



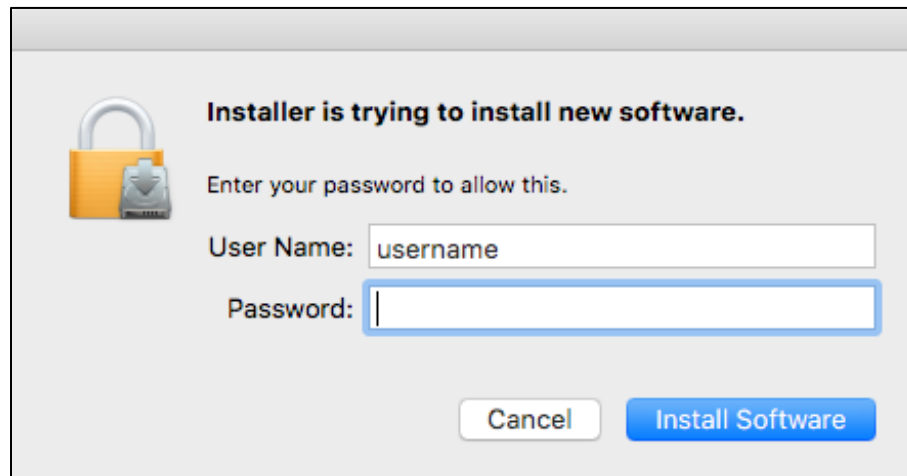
6. Click **Continue** button to begin the install:



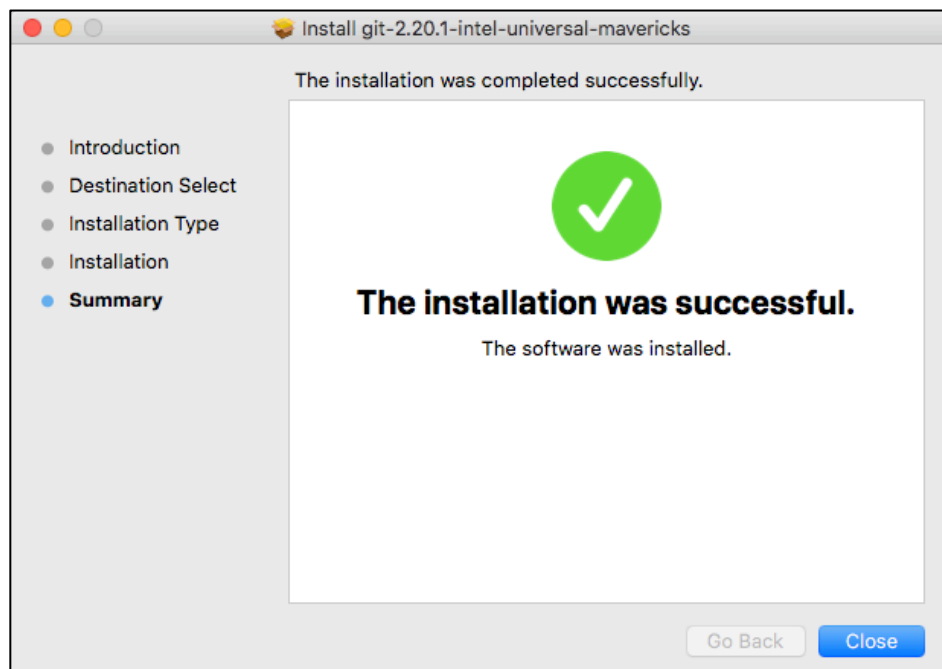
7. To leave the default installation location click **Install**, or to change the default installation location, click **Change Install Location**:



8. Enter your password when prompted, and then select **Install Software**:



9. After the installation completes, click **Close** to exit the installer:



10. Check git version

```
➔ ~ git --version
git version 2.24.1 (Apple Git-126)
➔ ~ |
```

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