

Install Git in Windows

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Download Git

- ▶ Go to the following website and click on the Windows download link:

`http://git-scm.com/downloads`

The screenshot shows the Git website homepage. At the top, the Git logo is followed by the tagline "--everything-is-local". Below this, a search bar is visible. The main content area describes Git as a free and open source distributed version control system. To the right, there is a diagram illustrating Git's branching model with stacks of boxes connected by colored lines. Below the main text, there are four circular icons representing different sections: About, Documentation, Downloads, and Community. The Downloads section is highlighted, showing the latest stable release 1.8.4.1 and a button to download for Windows. At the bottom, there are logos for various companies and projects using Git, including Google, Facebook, Microsoft, Twitter, LinkedIn, and others.

git --everything-is-local

Git is a **free and open source** distributed version control system designed to handle everything from small to very large projects with speed and efficiency.

Git is **easy to learn** and has a **tiny footprint with lightning fast performance**. It outclasses SCM tools like Subversion, CVS, Perforce, and ClearCase with features like **cheap local branching**, convenient **staging areas**, and **multiple workflows**.

Learn Git in your browser for free with Try Git.

About
The advantages of Git compared to other source control systems.

Documentation
Command reference pages, Pro Git book content, videos and other material.

Downloads
GIT clients and binary releases for all major platforms.

Community
Get involved! Mailing list, chat, development and more.

Latest stable release
1.8.4.1
Release 18.04 (2013-09-06)
Download for Windows

Windows GUIs **Tarballs**
Mac Build **Source Code**

Companies & Projects Using Git
Google, facebook, Microsoft, twitter, LinkedIn, AMPHIL, PostgreSQL, and others.

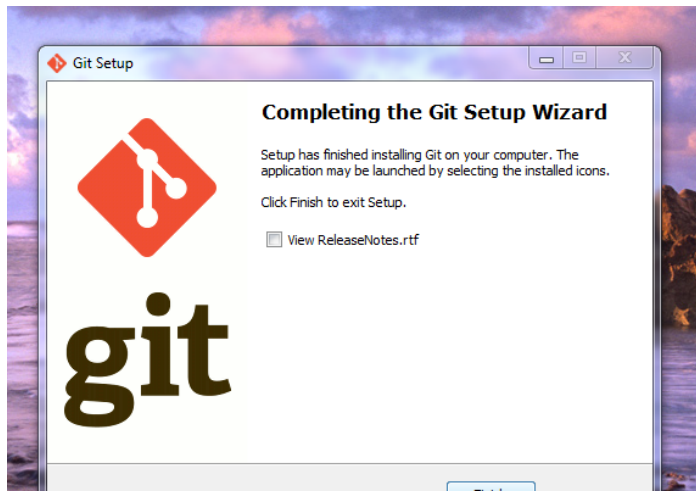
Install Git

- Once the file is done downloading, open it up to begin the Git installation



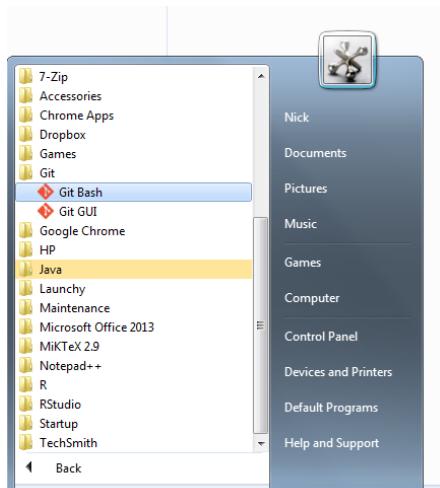
Install Git

- ▶ Unless you really know what you are doing, just go with the default options at each step of the installation
- ▶ Once the install is complete, hit the “Finish” button (you may want to uncheck the box next to “Review ReleaseNotes.rtf”)



Open Git Bash

- ▶ Find a program called Git Bash, which is the command line environment for interacting with Git
- ▶ It should be located in the Git directory within your Start Menu (or in the directory into which Git was installed)



Open Git Bash

- ▶ Once Git Bash opens, you'll see a short welcome message followed by the name of your computer and a dollar sign on the next line
- ▶ The dollar sign means that it's your turn to type a command

```
welcome to Git (version 1.8.4-preview20130916)

Run 'git help git' to display the help index.
Run 'git help <command>' to display help for specific commands.

Nick@NICK-PC ~
$
```

Configure Username and Email

- ▶ Each commit to a Git repository will be “tagged” with the username of the person who made the commit
- ▶ Enter the following commands in Git Bash, one at a time, to set your username and email:

```
$ git config --global user.name "Your Name Here"
```

```
$ git config --global user.email "your_email@example.com"
```

- ▶ Make sure there are 2 dashes side-by-side before the word “global”
- ▶ You’ll only have to do this once, but you can always change these down the road using the same commands

Configure Username and Email

- ▶ Now type the following to confirm your changes (they may be listed toward the bottom):

```
$ git config --list
```

- ▶ Make sure there are 2 separate dashes (side-by-side) before the word “global”

```
Nick@NICK-PC ~  
$ git config --global user.name "John Doe"  
  
Nick@NICK-PC ~  
$ git config --global user.email "john@gmail.com"  
  
Nick@NICK-PC ~  
$ git config --list  
core.symlinks=false  
core.autocrlf=true  
color.diff=auto  
color.status=auto  
color.branch=auto  
color.interactive=true  
pack.packsizelimit=2g  
help.format=html  
http.sslcainfo=/bin/curl-ca-bundle.crt
```


What's Next?

- ▶ Go ahead and close Git Bash with the following command:

```
$ exit
```

- ▶ Now that Git is set up on your computer, we're ready to move on to GitHub, which is a web-based platform that lets you do some pretty cool stuff
- ▶ Once GitHub is up and running, we'll show you how to start using these tools to your benefit