



❖ GIT INSTALLATION:

- Before you start using Git, you have to make it available on your computer. Even if it's already installed, it's probably a good idea to update to the latest version.
- Git is an open source and can be installed on all major OS.
 - Unix / Linux
 - Mac
 - Windows

➤ INSTALLING GIT ON WINDOWS:

- Browse to the official Git website: <https://git-scm.com/downloads>
- Download Git for Windows



- Click on 64-bit Git for windows setup from Standalone Installer.



- Open Git Bash → Run following command

\$git --version

\$git help

GIT CONFIGURATION:

CUSTOMIZE GIT ENVIRONMENT:

- As you read briefly in Getting Started, you can specify Git configuration settings with the git config command.
- One of the first things you did was set up your name and email address:

SYNTAX: \$git config --global <setting> <value>
 \$git config --global user.name "R N RAJU"
 \$git config --global user.email "Rnraju4u@gmail.com"
 \$cat ~/.gitconfig
 \$git config --global --list

COLOR HIGHLIGHTING:

```
$git config --global color.ui true
$git config --global color.status auto
$git config --global color.branch auto
$git config --list
```

➤ INSTALLING GIT ON LINUX:

- If you want to install the basic Git tools on Linux via a binary installer, you can generally do so through the package management tool that comes with your distribution.

If you're on Fedora (or any closely-related RPM-based distribution, such as RHEL or CentOS), you can use **dnf** / **yum**:

```
$sudo dnf install git -y
```

If you're on a Debian-based distribution, such as Ubuntu, try **apt** / **apt-get**:

```
$sudo apt update -y
$sudo apt install git -y
$git version
$git help
```

GIT CONFIGURATION:

CUSTOMIZE GIT ENVIRONMENT:

- Git provides the git config tool, which allows you to set configuration variables. Git stores all global configurations in **.gitconfig** file, which is located in your home directory. To set these configuration values as global, add the --global option.

SYNTAX: \$git config --global setting value

```
$git config --global user.name "R N RAJU"
```

```
$git config --global user.email "Rnraju4u@gmail.com@gmail"
```

```
$cat ~/.gitconfig
```

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

COLOR HIGHLIGHTING:

- The following commands enable color highlighting for Git in the console.

```
$git config --global color.ui true
```

```
$git config --global color.status auto
```

```
$git config --global color.branch auto
```

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