**Install Eclipse on Windows System**

* 1. Go to <https://www.eclipse.org/downloads/packages/>.
  2. Download the latest version of the package.
  3. Unzip the folder and save it in a drive.

**Install Eclipse on Linux System**

1. Download the desired version of Eclipse from the official site:

<https://www.eclipse.org/downloads/packages/>

1. Open the Terminal (*Ctrl + Alt + T*) and enter the following command to change the directory.

cd /opt

1. Enter the command given below to extract the Eclipse from *~/Downloads* directory. If your downloaded file is in any other directory, replace the last parameter by the actual file path.

sudo tar -xvzf ~/Downloads/eclipse-jee-2019-03-R-linux-gtk-x86\_64.tar.gz

1. Open another Terminal (*Ctrl + Alt + T*) and enter the following command to create a shortcut file for eclipse.

gedit eclipse.desktop

1. In the opened gedit, copy and paste the following text.

[Desktop Entry]

Name=Eclipse

Type=Application

Exec=/opt/eclipse/eclipse

Terminal=false

Icon=/opt/eclipse/icon.xpm

Comment=Integrated Development Environment

NoDisplay=false

Categories=Development;IDE;

Name[en]=Eclipse

Name[en\_US]=Eclipse

1. Save and close the gedit.
2. Enter the following command in the terminal to install the shortcut.

sudo desktop-file-install eclipse.desktop

**Install Eclipse on Mac System**

1. **Download the latest version**

To install eclipse on our MacOS, we must download the latest version of eclipse by visiting its official website or simply clicking the link <http://www.eclipse.org/downloads/download.php?file=/technology/epp/downloads/release/oxygen/1a/eclipse-java-oxygen-1a-macosx-cocoa-x86_64.dmg>.

The downloaded file exists in **disk image file(dmg)** format which is to be mounted first to get started with the installations.

1. **Mount the dmg file**

The **dmg** file which is downloaded from the official website of eclipse needs to be mounted first to the volume directory. **Hdiutil** command can be used with the **mount** option to mount the file into the volumes folder. The process is shown in the image.

1. **Copy Eclipse.app into Applications**

After mounting the file, **Eclipse.app** is created inside **/Volumes/Eclipse**. This is an application file which needs to be copied to the application directory. The file needs to be unmounted after its deployment into the application directory.

1. **Unmount the file**

**Unmounting the file simply involves ejecting the installer.**