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# HIBERNATE

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# ECLIPSE

## Overview

Eclipse is an Integrated Development Environment (IDE) for Java and other programming languages like C, C++, PHP, and Ruby etc.

Today it is the leading development environment for Java with a market share of approximately 65%.

The Eclipse IDE can be extended with additional software components. Eclipse calls these software components as plug-ins.

Several Open Source projects and companies have extended the Eclipse IDE or created standalone applications on top of the Eclipse framework.

## Eclipse Licensing

Eclipse platform and other plug-ins from the Eclipse foundation is released under the Eclipse Public License (EPL). EPL ensures that Eclipse is free to download and install. It also allows Eclipse to be modified and distributed.

## Downloading Eclipse

You can download eclipse from <http://www.eclipse.org/downloads/>. The download page lists a number of flavours of eclipse.



The screenshot displays the Eclipse Downloads website. At the top, there's a purple header with the text "Eclipse Downloads". Below this, there are two tabs: "Packages" (selected) and "Developer Builds". A sub-header reads "Eclipse Kepler (4.3) Packages for" followed by a dropdown menu set to "Windows".

The main content area lists two packages:

- Eclipse Standard 4.3**, 198 MB  
Downloaded 2,040,178 Times [Other Downloads](#)  
The Eclipse Platform, and all the tools needed to develop and debug it: Java and Plug-in Development Tooling, Git and CVS...  
Download links: [Windows 32 Bit](#), [Windows 64 Bit](#)
- Eclipse IDE for Java EE Developers**, 246 MB  
Downloaded 1,118,422 Times  
Tools for Java developers creating Java EE and Web applications, including a Java IDE, tools for Java EE, JPA, JSF, Mylyn...

At the bottom of the package list, there's a "Package Solutions" section with a "Filter Packages" button. The "Eclipse IDE for Java EE Developers" package is also featured here with its own download links for Windows 32 Bit and 64 Bit.

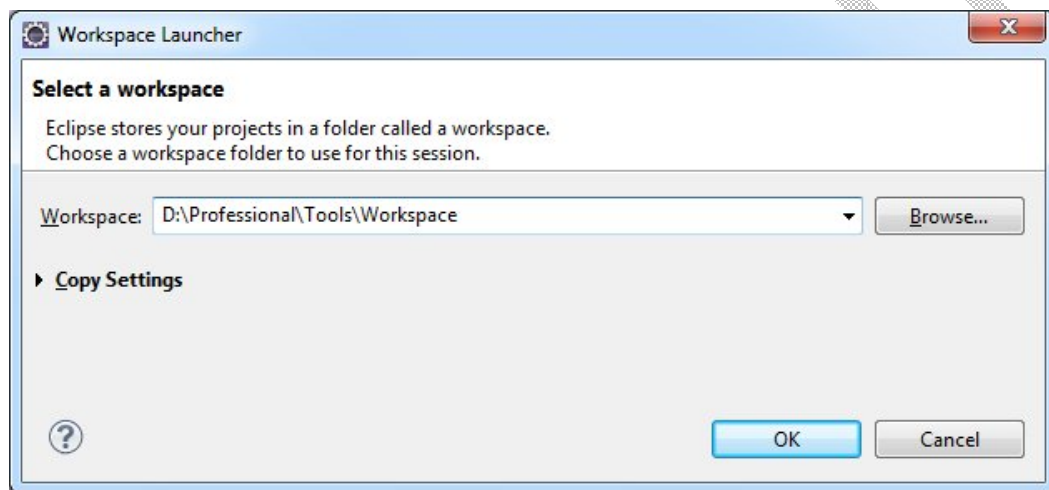
## Prerequisites for Running Eclipse

Eclipse is written in Java and will thus need an installed JRE or JDK in which to execute.

## Launching Eclipse

On the windows platform, if you extracted the contents of the zip file to c:\, then you can start eclipse by using c:\eclipse\eclipse.exe

When eclipse starts up for the first time it prompts you for the location of the workspace folder. All your data will be stored in the workspace folder. You can accept the default or choose a new location.



The first time you launch Eclipse, you will be presented with a welcome screen. From here you can access an overview to the platform, tutorials, sample code, etc...

