* 통합 개발 환경 (Integrated Development Environment: IDE)

- 코딩, 디버그, 컴파일, 배포 등의 프로그램 개발에 관련된 모든 작업을 하나의 프로그램 안에서 처리하는 환경을 제공하는 소프트웨어
- Visual Studio, Eclipse, IntelliJ IDEA, NetBeans ...

* Eclipse

- Download : https://www.eclipse.org/downloads/packages/

Eclipse IDE for Java EE Developers

339 MB   451,985 DOWNLOADS

Tools for Java developers creating Java EE and Web applications, including a Java IDE, tools for Java EE, JPA, JSF, Mylyn, EGit and others.

Windows 32-bit 64-bit
Mac Cocoa 64-bit
Linux 32-bit 64-bit

* JDK

- Download : https://www.oracle.com/technetwork/java/javase/downloads/jdk8-downloads-2133151.html

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* Apache Tomcat

- Download : https://tomcat.apache.org/download-90.cgi

9.0.13

Please see the README file for packaging information. It explains what every distribution contains.

Binary Distributions

- Core:
  - zip (pgp, sha512)
  - tar.gz (pgp, sha512)
  - 32-bit Windows zip (pgp, sha512)
  - 64-bit Windows zip (pgp, sha512)
  - 32-bit/64-bit Windows Service Installer (pgp, sha512)
- Full documentation:
  - tar.gz (pgp, sha512)
- Deployer:
  - zip (pgp, sha512)
  - tar.gz (pgp, sha512)
- Extras:
  - JMX Remote jar (pgp, sha512)
  - Web services jar (pgp, sha512)
- Embedded:
  - tar.gz (pgp, sha512)
  - zip (pgp, sha512)

* Eclipse 주요 단축키

편집 (Edit)

Content Assist	[Ctrl]+[Space Bar]	Incremental Find	[Ctrl]+[J]
Context Information	[Ctrl]+[Shift]+[Space Bar]	Incremental Find Reverse	[Ctrl]+[Shift]+[J]
Copy	[Ctrl]+[C]	Paste	[Ctrl]+[V]
Cut	[Ctrl]+[X]	Quick Diff Toggle	[Ctrl]+[Shift]+[Q]
Delete	[Delete]	Quick Fix	[Ctrl]+[1]
Find and Replace	[Ctrl]+[F]	Redo	[Ctrl]+[Y]
Restore Last Selection	[Alt]+[Shift]+[↓]	Select All	[Ctrl]+[A]
Select Enclosing Element	[Alt]+[Shift]+[↑]	Select Next Element	[Alt]+[Shift]+[→]
Select Previous Element	[Alt]+[Shift]+[←]	Show Tootip Description	[F2]
Undo	[Ctrl]+[Z]		

검색 (Search)

Declaration in Workspace	[Ctrl]+[G]	Occurences in File	[Ctrl]+[Shift]+[U]
Open Search Dialog	[Ctrl]+[H]	References in Workspace	[Ctrl]+[Shift]+[G]

네비게이트 (Navigate)

Go to Line	[Ctrl]+[L]	Backward History	[Alt]+[←]
Forward History	[Alt]+[→]	Go to Last Edit Location	[Ctrl]+[Q]
Go to Matching Bracket	[Ctrl]+[Shift]+[P]	Go to Next Member	[Ctrl]+[Shift]+[↓]
Go to Previous Member	[Ctrl]+[Shift]+[↑]	Next	[Ctrl]+[.]
Open Call Hierarchy	[Ctrl]+[Alt]+[H]	Open Declaration	[F3]
Open External Javadoc	[Shift]+[F2]	Open Hierarchy	[Ctrl]+[T]
Open Resource	[Ctrl]+[Shift]+[R]	Open Structure	[Ctrl]+[F3]
Open Type	[Ctrl]+[Shift]+[T]	Open Type Hierarchy	[F4]
Open Type in Hierarchy	[Ctrl]+[Shift]+[H]	Previous	[Ctrl]+[,]
Show Outline	[Ctrl]+[O]		

리펙토링 (Refactor)

Change Method Signature	[Ctrl]+[Shift]+[Y]	Convert Local Variable to Field	[Ctrl]+[Shift]+[F]
Extract Local Variable	[Ctrl]+[Shift]+[L]	Extract Method	[Ctrl]+[Shift]+[M]
Inline	[Ctrl]+[Shift]+[I]	Move – Refactoring	[Alt]+[Shift]+[V]
Redo – Refactoring	[Ctrl]+[Shift]+[Y]	Rename – Refactoring	[Alt]+[Shift]+[R]
Undo – Refactoring	[Ctrl]+[Shift]+[Z]		

실행과 디버그 (Run / Debug)

Debug Last Launched	[F11]	Display	[Ctrl]+[D]
Execute	[Ctrl]+[U]	Inspect	[Ctrl]+[Q]
Resume	[F8]	Run last Launched	[Ctrl]+[F11]
Run to Line	[Ctrl]+[R]	Step Into	[F5]
Step Into Selection	[Ctrl]+[F5]	Step Over	[F6]
Step Return	[F7]	Toggle Line Breakpoint	[Ctrl]+[Shift]+[B]

소스 (Source)

Add Block Comment	[Ctrl]+[Shift]+[/]	Add Import	[Ctrl]+[Shift]+[M]
Format	[Ctrl]+[Shift]+[F]	Indent Line	[Ctrl]+[I]
Organize Imports	[Ctrl]+[Shift]+[O]	Remove Block Comment	[Ctrl]+[Shift]
Remove Occurence Annotations	[Alt]+[Shift]+[U]	Toggle Comment	[Ctrl]+[Shift]+[C]