Platforms

Languages

Development tools

Eclipse

Eclipse was originally developed by IBM as the next generation IDE development environment to replace commercial software visual age for Java. It was contributed to the open-source community in November 2001. It was managed by the Eclipse Foundation, a non-profit software supplier alliance. [1]

Advantage

Eclipse is a light-weighted IDE, which takes less storage than IntelliJ IDEA.

Disadvantage

It has incompatibility issues between versions, especially for plug-ins. As for JDK, when a new version of JDK launches, eclipse generally lags for a long time before a new version supports the new JDK.

IntelliJ IDEA

IntelliJ IDEA is a product of JetBrains. It is an integrated environment for Java programming language development. It mainly supports intelligent code assistant, code automatic prompt, refactoring, Java EE support, various versions of tools (GIT, SVN), JUnit, CVS integration, code analysis, innovative GUI design[2].

Advantage

It is equipped with strong integration capabilities such as git, maven, spring, etc. As for the prompt function, it is fast and convenient, and the scope of it is relatively broad. Besides, it allows users to simplify operations by shortcut keys and useful templates. The precise search feature is also preferred.

Disadvantage

There is a lack of plug-in development. Only one project is supported at the same page, which brings some inconvenience to the development, especially for the programmers who like to build a test process to test some methods during development. It requires much storage and memory compared to Eclipse.

References

1. Eclipse Foundation. Retrieved from:

[https://www.eclipse.org/eclipseide](https://www.eclipse.org/eclipseide/)

1. JetBrains. Retrieved from:

https://www.jetbrains.com/idea/features/#features