

NetBeans

NetBeans is an integrated development environment for developing primarily with Java, but also with other languages, in particular PHP, C/C++, and HTML5. It is also an application platform framework for Java desktop applications and others.

The NetBeans IDE is written in Java and can run on Windows, OS X, Linux, Solaris and other platforms supporting a compatible JVM.

The NetBeans Platform allows applications to be developed from a set of modular software components called modules. Applications based on the NetBeans Platform, including the NetBeans IDE itself, can be extended by third party developers.

Eclipse

Eclipse is an integrated development environment. It contains a base workspace and an extensible plug-in system for customizing the environment. Written mostly in Java, Eclipse can be used to develop applications.

By means of various plug-ins, Eclipse may also be used to develop applications in other programming languages: C++, Fortran, JavaScript, Perl, PHP, Prolog, Python, Ruby on Rails. Development environments include the Eclipse Java development tools (JDT) for Java, Eclipse CDT for C/C++ and Eclipse PDT for PHP, among others.

The Eclipse software development kit (SDK), which includes the Java development tools, is meant for Java developers. Users can extend its abilities by installing plug-ins written for the Eclipse Platform, such as development toolkits for other programming languages, and can write and contribute their own plug-in modules.

Released under the terms of the Eclipse Public License, Eclipse SDK is free and open source software.

Aptana Studio

Aptana Studio is an open source integrated development environment for building Ajax web applications.

Based on Eclipse, it supports JavaScript, HTML, DOM and CSS with code-completion, outlining, JavaScript debugging, error and warning notifications and integrated documentation.

Additional plugins allow Aptana Studio to support Ruby on Rails, PHP, Python, Perl, Adobe AIR, Apple iPhone and Nokia WRT (Web Runtime). Aptana Studio is available as a standalone on Windows, Mac OS X and Linux, or as a plugin for Eclipse.

JCreator

JCreator is a Java IDE created by Xinox Software. Its interface is similar to that of Microsoft's Visual Studio. Because it is programmed entirely in C++, Xinox Software has asserted that JCreator is faster than competing Java-based Java IDEs.

JCreator is only available on the Windows operating system. However, both the LE and Pro versions of JCreator run adequately on Linux (using Wine).

The feature set of the Pro version is comparable to that of other language aware IDEs with respect to project management and editing features, but lacks advanced features, such as automated refactoring, support for common frameworks etc., which can be found in the dominant Java IDEs such as Eclipse and IntelliJ IDEA. The free LE version further lacks some features, such as code completion, that are included with other free IDEs. Unlike the dominant Java IDEs today, JCreator also lacks the level of extensibility through third-party plugins that is common in popular Java IDEs.

Code::Blocks

Code::Blocks is a free and open source, cross-platform IDE which supports multiple compilers including GCC and Visual C++. It is developed in C++ using wxWidgets as the GUI toolkit. Using a plugin architecture, its capabilities and features are defined by the provided plugins. Currently, Code::Blocks is oriented towards C, C++, and Fortran.

Code::Blocks is being developed for Windows, Linux, and Mac OS X and has been ported to FreeBSD, OpenBSD, and Solaris.