



**IntelliJ IDEA,
the most intelligent Java IDE**



IntelliJ IDEA, JetBrains' flagship Java IDE, provides high-class support and productivity boosts for enterprise, mobile and web development in Java, Scala and Groovy, with all the latest technologies and frameworks supported out of the box.

Every aspect of IntelliJ IDEA is specifically designed to maximize developer productivity. Together, powerful static code analysis and ergonomic design make development a productive and enjoyable experience.

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To learn more about the product, please visit our website at **jetbrains.com/idea**

After IntelliJ IDEA has indexed your source code, it offers a blazingly fast and intelligent coding experience by giving relevant suggestions in every context: instant and clever code completion, on-the-fly code analysis and reliable refactoring tools. Mission-critical tools such as integration with version controls systems and a wide variety of supported

languages and frameworks are at hand — no plugin hustle included. While IntelliJ IDEA is an IDE for Java, it also understands and provides intelligent coding assistance for a large variety of other languages such as SQL, JPQL, HTML, JavaScript, and more, even when the language expression is injected into a String literal in your Java code.

IntelliJ IDEA is available in two editions:

- Community Edition (free)
- Ultimate Edition (paid)

	Ultimate For web and enterprise development	Community For JVM and Android development
License	Commercial	Open-source, Apache 2.0?
Java, Kotlin, Groovy, Scala	✓	✓
Android	✓	✓
Maven, Gradle, SBT	✓	✓
Git, SVN, Mercurial, CVS	✓	✓
Detecting Duplicates	✓	×
Perforce, ClearCase, TFS	✓	×
JavaScript, TypeScript	✓	×
Java EE, Spring, GWT, Vaadin, Play, Grails, Other Frameworks	✓	×
Database Tools, SQL	✓	×

How does IntelliJ IDEA match up against competing tools?

JetBrains has extensively researched various tools to come up with the comparison table below. We've tried to make it comprehensive and as neutral as we possibly can. As all the products mentioned in the document are being actively developed and their functionality changes on a regular basis,

we consider this comparison valid for specific releases that are indicated in the header of the comparison table. This document includes IntelliJ IDEA 2016.3 comparison with Eclipse. If you discover any inaccurate items in this table, please contact us at sales@jetbrains.com and we'll update the table as soon as possible.

Products versions in comparison

Product name	IntelliJ IDEA	Eclipse
Version compared	IntelliJ IDEA 2016.3	Eclipse Neon

Compatibility with Operating systems

Features	Eclipse	IntelliJ IDEA
General		
Window	Per workspace	Per project
Auto-saving changes	Disabled by default	✓
Task-orientation	Perspectives	Tool windows
Major releases	Once a year	3 times a year
Support	Issue tracker	Issue tracker, 24/7 customer support
Plugins compatibility	No guarantee	Guaranteed by JetBrains for all official plugins
Plugin SDK	✓	✓
Editor		
Full-screen mode	✓	✓
Distraction-free mode	×	✓
Inline parameter hints	×	✓
Block selection	✓	✓
Multiple carets	Third-party plugins	✓
Scratch files	×	✓
Completion		
Completion of static fields and methods	×	✓
Chain completion	✓	✓
Type-aware completion	×	✓
Data-flow-aware completion	✓	✓
Completion of super methods/constructors	×	✓

Features	Eclipse	IntelliJ IDEA
Completion		
Complete statement	×	✓
Negating completion	×	✓
Word completion	✓	✓
Refactorings		
Rename	✓	✓
Change signature	✓	✓
Move	✓	✓
Extract variable/field/constant/method	✓	✓
Inline variable/field/constant/method	✓	✓
Push/pull members up/down	✓	✓
Encapsulate fields	✓	✓
Find and replace code duplicates	×	✓
Automatic renaming of variable/field/method names and getters/setters	×	✓
Type migration	×	✓
Invert boolean	×	✓
Safe delete	×	✓
String fragments	×	✓
Inline class	×	✓
Extract functional parameter	×	✓
Convert between JVM languages	Java → Kotlin	Groovy → Java Java → Scala Java → Kotlin

Features	Eclipse	IntelliJ IDEA
Inspections		
Convert loops into Java 8's stream API call chains	×	✓
Convert Java 8's stream API call chains into loops	×	✓
Detecting duplicated code	Third-party plugins	✓
Batch inspections	Third-party plugins	✓
Search and navigation		
Go to class	✓	✓
Go to file	✓	✓
Go to symbol	×	✓
Go to folder	×	✓
Go to related unit test	×	✓
Go to related file	×	✓
Find text in project		
Instant preview	×	✓
Search over String literals and comments	×	✓
Debugger		
Variables	✓	✓
Watches	✓	✓
Evaluate Expression	✓	✓
HotSwap	✓	✓
Inline debugger	×	✓
Breakpoints on lambdas	×	✓

Features	Eclipse	IntelliJ IDEA
Build		
Global problems view	Enabled by default	Disabled by default
Compiler	Eclipse	Any
JVM Languages		
Java	✓	✓
Groovy	Official support may cease soon	✓
Scala	Official support may cease soon	✓
Kotlin	✓	✓
Clojure	Third-party plugins	Third-party plugins
Ceylon	Third-party plugins	Third-party plugins
Xtend	Third-party plugins	Third-party plugins
Frameworks		
JPA, Hibernate	✓	✓
JSF	✓	✓
Spring	Third-party plugins	✓
Grails	Third-party plugins. Official support has ceased and doesn't include Grails 3.	✓
Play	Third-party plugins. Official support may cease soon	
GWT	Third-party plugins	✓
Android	Third-party plugins. Official support has ceased.	✓

Features	Eclipse	IntelliJ IDEA
Build Tools		
Ant	✓	✓
Maven	✓	✓
Gradle	Third-party plugins	✓
SBT	Third-party plugins	✓
Built-in tools		
Decompiler	✓	✓
Coverage	Third-party plugins	✓
Terminal	✓	✓
Remote access (FTP, SSH)	✓	✓
Task management	✓	✓
Docker	Third-party plugins	✓
Application servers		
Tomcat	✓	✓
TomEE	✓	✓
Google App Engine	Third-party plugins	✓
GlassFish	✓	✓
JBoss, WildFly	Third-party plugins	✓
WebLogic	✓	✓
WebSphere, Liberty	✓	✓
Jetty	✓	✓

Features	Eclipse	IntelliJ IDEA
Git		
Staging changes	Git Index. Supports partial changes.	Change lists. Supports entire files only.
Submodules	✓	×
Nested repositories	✓	✓
Annotations	✓	✓
Pull, Push, Merge, Rebase, Commit, Reset, Cherry pick, Diff	✓	✓
Amend commit	✓	✓
Stashes, Patches	✓	✓
Interactive rebase	✓	✓
GitHub Pull requests	✓	×
Synchronous branch control	×	✓
Other version controls		
Subversion	Third-party plugins	✓
Mercurial	Third-party plugins	✓
Perforce	Third-party plugins	✓
CVS	Third-party plugins	✓

Marketing / Market / Community comparison

Pricing	
IntelliJ IDEA Ultimate	USD 499 in the 1st year USD 399 in the 2nd year USD 299 per year afterwards Support from JetBrains is included Note: IntelliJ IDEA Community Edition is also available for free (with partial functionality)
Eclipse	Free under Eclipse Public License. Comes with no support.

Community Comparison

Indicator	Eclipse	IntelliJ IDEA
StackOverflow Answers	103,284	19,605
Twitter followers	18,000	43,200

Data collected on 29/12/2016

Platform

JetBrains IDEs are built on top of a single IntelliJ Platform developed by JetBrains. This shared platform helps ease the learning curve by providing a familiar development environment across tools, languages and platforms.

When the out-of-the-box functionality is not enough, IntelliJ IDEA plugin repository contains more than 2,000 downloadable plugins of all kinds, including those that provide support for various frameworks, additional version control systems, integrations with various tools, and editor enhancements.

Should you require integration with any solutions, services or technologies you use in the company, you can always take advantage of the extensibility of IntelliJ Platform for custom development. A powerful and rich API is available for you to extend the platform based on your needs.

Extending IntelliJ Platform significantly lowers custom development costs and efforts thanks to:

One-time plugin development work needed for all IntelliJ IDEA-based IDEs (instead of developing a dedicated plugin for each of the tools, a single plugin can be developed and made compatible with all IntelliJ IDEA-based IDEs at once).

Plugins can be developed using a single language, be it Java or Kotlin, allowing developers to leverage the platform to target any technology.

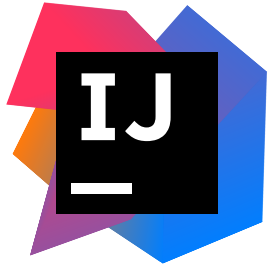
Custom plugins can be developed for any language and for any of the IDEs taking advantage of a single SDK (with a single consistent API to that SDK) for plugin/extension development.

Polyglot Experience

IntelliJ IDEA Ultimate is a polyglot IDE which includes the functionality of many other JetBrains IDEs (such as WebStorm, PhpStorm, RubyMine, PyCharm, DataGrip, etc.) either out of the box or with corresponding plugins

available from the plugin repository free of charge. Please refer to their dedicated comparison documents or [JetBrains website](#) for more information.

Features	IntelliJ IDEA 2016.3	Sublime Text 3	Visual Studio Code 1.8	Atom 1.12.7 with Nuclide 0.188	Eclipse Neon for JavaScript and Web
JavaScript and ECMAScript support	✓	Partially	Partially	Partially	Partially
TypeScript support	✓	✓ with additional plugin	✓	✓ with additional plugin	✓ with additional plugin
HTML support	✓	✓	✓	✓	✓
CSS support	✓	✓	✓	✓	✓



More Information

We tried to make this comparison as comprehensive and neutral as we possibly can. If you discover any inaccurate items in this table, please contact us at sales@jetbrains.com and we'll update the document as soon as possible.

If you need assistance with managing your licenses, selecting a licensing option, requesting assistance with a JetBrains offer, or any special request or suggestion for JetBrains tools, please do not hesitate to contact us.

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