

# Java

Java is an object-oriented programming language that is intended to be runnable from many different operating systems without recompiling.

- **Essential Links**

- Home Page: <http://java.sun.com>
- Downloads: <http://java.sun.com/downloads/>
- Forums: <http://forum.java.sun.com/index.jspa>
- Tutorials: <http://java.sun.com/learning/tutorial/>
- Community: <http://www.theserverside.com>
- Conference: <http://java.sun.com/javaone/sf/>

- **Open Source**

- The Apache Software Foundation: <http://www.apache.org/>
- O'Reilly Open Source Java Directory: [http://www.onjava.com/pub/q/java\\_os\\_directory](http://www.onjava.com/pub/q/java_os_directory)
- Java-Source.Net: <http://java-source.net/>

- **Books**

- *For Learning Java:*
  - Core Java, Volume I: Fundamentals by Gary Cornell, Cay S. Horstmann, Cay S. Horstmann
  - Core Java, Volume II: Advanced Features by Cay Horstmann, Gary Cornell
- *For Reference:*
  - The Java™ Programming Language by Ken Arnold, James Gosling, David Holmes
  - The Java™ Language Specification by James Gosling, Bill Joy, Guy Steele, Gilad Bracha
- *For Best Coding Practices:*
  - Effective Java by Joshua Bloch
- *\_ For Designing GUIs: \_*
  - Java Look and Feel Design Guidelines: <http://java.sun.com/products/jlfd/index.html>

- **Tools**

- IDEs
  - Eclipse: <http://www.eclipse.org>
  - NetBeans: <http://www.netbeans.org/>
  - Sun Java Studio Enterprise:  
<http://developers.sun.com/prodtech/javatools/jsenterprise/index.jsp>
  - Sun Java Studio Creator:  
<http://developers.sun.com/prodtech/javatools/jscreator/index.jsp>
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## Frameworks

- Java Server Faces: <http://java.sun.com/javaee/jaserverfaces/>
- Shale: <http://struts.apache.org/struts-shale/>
- Spring: <http://www.springframework.org/>
- Struts: <http://struts.apache.org/>
- Webwork: <http://www.opensymphony.com/webwork/>
- Tapestry: <http://jakarta.apache.org/tapestry/>
- Grails: <http://grails.codehaus.org/>
- RIFE: <http://rifers.org/>
- Trails: <https://trails.dev.java.net/>
- Hibernate: <http://www.hibernate.org/>
- AJAX
  - Prototype: <http://prototype.conio.net/>
  - Script.aculo.us: <http://script.aculo.us/>
  - Dojo: <http://dojotoolkit.org/>
  - DWR: <http://getahead.ltd.uk/dwr/>
  - Google Web Toolkit: <http://code.google.com/webtoolkit/overview.html>
  - Java Server Faces: <http://java.sun.com/javaee/jaserverfaces/ajax/tutorial.jsp>
- Build
  - Ant: <http://ant.apache.org/>
  - Maven: <http://maven.apache.org/>
- Web Container
  - Tomcat: <http://jakarta.apache.org/tomcat/index.html>
- Application Server
  - JBoss: <http://www.jboss.com/products/jbossas>
  - Geronimo: <http://geronimo.apache.org/>
- Portal
  - Liferay: <http://www.liferay.com/web/guest/home>
  - JBoss: <http://labs.jboss.com/portal/jbossportal/index.html>
- Enterprise Content Management
  - Alfresco: <http://www.alfresco.com/>

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