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
  - Java-Source.Net: http://java-source.net/
- **Books**
  - *For Learning Java:*
    - Core Java, Volume I: Fundamentals by Gary Cornell, Cay S. Horstmann, Cay S. Forstmann
    - 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/jlf/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
  - Frameworks
    - Java Server Faces: http://java.sun.com/javaee/javaserverfaces/
    - 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/javaserverfaces/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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