**B”H**

**Intro**

* Difference between JRE and JDK:
* JRE: Java Runtime Environment. It is basically the Java Virtual Machine where your Java programs run on. It also includes browser plugins for Applet execution.
* JDK: It's the full featured Software Development Kit for Java, including JRE, and the compilers and tools (like JavaDoc, and Java Debugger) to create and compile programs.
* Usually, when you only care about running Java programs on your browser or computer you will only install JRE. It's all you need. On the other hand, if you are planning to do some Java programming, you will also need JDK.

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* Major release versions of Java, along with their release dates:

JDK 1.0 (January 21, 1996)

JDK 1.1 (February 19, 1997)

J2SE 1.2 (December 8, 1998)

J2SE 1.3 (May 8, 2000)

J2SE 1.4 (February 6, 2002)

J2SE 5.0 (September 30, 2004)

Java SE 6 (December 11, 2006)

Java SE 7 (July 28, 2011)

Java SE 8 (March 18, 2014)

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* Setting up Java:

1: download the JAVA JDK

2: download the API documentation:

- http://docs.oracle.com/javase/

- http://docs.oracle.com/javase/7/docs/api/index.html

3: will need a text editor (will use sublime)

4: add entry in PATH environment variable that point to the /bin directory in the main Java directory.