

## **Why Java?™**

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### **What is Java?**

Well, the short answer to this question is that it's a distributed, object-oriented and network-oriented programming language whose applications can be accessed over a local area network, a wide area network, the World Wide Web or an Intranet and run safely on almost any computing platform.

Since Java is object oriented (meaning the software is written in components that can be plugged into each other to perform certain tasks), you don't need a network to run it. Java can create stand-alone applications much like older programming languages such as COBOL or Basic, and it is written specifically to take advantage of the Internet.

One reason Java does the Internet better is in its use of a virtual machine, Java Runtime Environment (JRE), that interprets instructions for whatever machine it's running on; a Windows or a UNIX box. The JRE is not part of Java itself, but rather it's an interpreter that is written for a particular type of computer. JREs have been written for most of the existing computer systems.

### **What is Client-Side Java (Java Platform Standard Edition)?**

Sun Microsystems has defined client-side Java technology as those technologies and specifications that are used to build and execute Java applets and applications on a desktop client platform such as a PC or a workstation. The components that comprise client-side Java technology are defined by Sun Microsystems in the Java Platform Standard Edition (Java SE) specifications. They include runtime components such as applets, the Java Runtime Environment, Java Plug-ins and the Just-in-Time (JIT) compiler.

PowerLender is a client-side application developed under the Java SE specification using Sun Microsystems Java Development Kit (JDK) 1.3

### **What is the Java Platform Enterprise Edition (Java EE)?**

Java Platform Enterprise Edition (Java EE) is a set of coordinated specifications and practices that together enable solutions for developing, deploying and managing multi-tier server-centric applications. Building on Java SE, Java EE adds the capabilities necessary to provide a complete, stable and secure platform to the enterprise level. It is useful in creating multi-tier server-centric systems such as web-based applications that provide HTML or applet interfaces to the end users. Middle-tier programs run in Java EE compatible web servers or application servers such as BEA's WebLogic or IBM's WebSphere.

Java EE is backed not only by Sun Microsystems, but also by BEA, IBM, Hewlett-Packard, Oracle and other software vendors.

PowerLender is a highly customizable loan origination and processing system constructed in Java, the state-of-the-art application development and deployment technology. PowerLender is a product of Associated Software Consultants, Inc. (ASC). ASC has been helping lenders grow for more than 25 years by providing quality software and outstanding 24/7 technical support. If you'd like to know more about PowerLender, please call us at 800-628-4687 or visit us online at [www.powerlender.com](http://www.powerlender.com).