

JAVA

Multithreaded. A thread is similar to a separate program that executes concurrently. It is important for web applications, multimedia, etc.

Object-oriented programming. Object-oriented programming is a programming paradigm based on the concept of objects, which can contain data and code: data in the form of fields, and code in the form of procedures. In OOP, computer programs are designed by making them out of objects that interact with one another.

Platform Independent. Java code can run on any underlying **platform** like Windows, Linux, iOS, or Android without rewriting. This makes it especially powerful ...

Robust. It is a **robust** programming language. It is termed **robust** or strong for its strong features such as efficient memory management, automatic garbage collection

Secure. Java is a **secure** language that ensures that programs cannot gain access to memory locations without authorization. It has access modifiers to check ...

High Performance. The architecture of Java is designed in a way that reduces overhead during the runtime. Moreover, it uses the JIT (Just in Time) compiler ...

Dynamic. Java is a **dynamic** programming language because it supports the **dynamic** loading of classes. Being an object-oriented programming language, Java ...

Distributed Computing. Java is well-suited for **distributed** computing. Its Remote Method Invocation (RMI) and Application Programming Interface (API).

Active community. It has a large and **active community** of developers, which means it's easy to find **support**, libraries, and frameworks that extend Java's capabilities ...