Java is a versatile, object-oriented programming language first released by Sun Microsystems in 1995. It was designed to be platform-independent, following the principle of "write once, run anywhere" (WORA). This means that Java code can run on any device or operating system that has a Java Virtual Machine (JVM) installed, without needing to be recompiled.

Java's syntax is similar to C and C++, making it relatively easy for programmers familiar with these languages to learn. However, Java eliminates many of the low-level programming features that can lead to errors in C and C++, such as direct memory manipulation.

One of Java's key features is its strong emphasis on object-oriented programming (OOP). In Java, almost everything is an object, which helps in creating modular, reusable code. The language supports the four main principles of OOP: encapsulation, inheritance, polymorphism, and abstraction.

Java's robustness comes from several built-in features. It has automatic memory management through garbage collection, which helps prevent memory leaks. The language also has a strong type system and exception handling mechanism, which catch many programming errors at compile-time or runtime.

The Java platform consists of three main components:

- 1. Java Development Kit (JDK): This includes tools for developing Java applications, such as the compiler (javac) and debugger.
- 2. Java Runtime Environment (JRE): This is needed to run Java applications and includes the JVM and core libraries.
- 3. Java Virtual Machine (JVM): This executes Java bytecode, allowing Java programs to run on any device with a JVM installed.

Java's extensive standard library, known as the Java API, provides a wide range of utility functions and is one of the language's strongest assets. It includes tools for networking, database access, graphical user interface (GUI) development, and much more.

Over the years, Java has evolved significantly. Major releases have introduced important features such as generics (Java 5), lambda expressions and the Stream API (Java 8), and modules (Java 9). The language continues to be updated regularly, with new features and improvements added in each release.

Java's popularity in enterprise software development is due to several factors. It's known for its scalability, making it suitable for large, complex systems. The language also has excellent tools for concurrent programming, crucial for developing high-performance server applications.

Java has a vast ecosystem of frameworks and libraries. Some popular ones include Spring for enterprise applications, Apache Hadoop for big data processing, and Android SDK for mobile app development. This rich ecosystem allows developers to build a wide variety of applications efficiently.

Despite its strengths, Java has faced criticism. Some developers find it verbose compared to more modern languages. Its performance, while generally good, can be slower than lower-level languages like C++ for certain tasks. The language has also faced security concerns, although these are often more related to outdated Java installations than inherent language flaws.

In recent years, Java has faced increasing competition from other languages, particularly in web development. However, it remains one of the most widely used programming languages in the world, especially in enterprise environments and for Android mobile development.

Java's longevity and continued relevance in the fast-changing world of software development is a testament to its robust design and the ongoing efforts to keep the language modern and effective.