**A guide of advanced java**

**java Advanced Imaging** (**JAI**) is a [Java platform](https://en.wikipedia.org/wiki/Java_platform) extension [API](https://en.wikipedia.org/wiki/API) that provides a set of [object-oriented](https://en.wikipedia.org/wiki/Object-oriented) interfaces that support a simple, high-level [programming model](https://en.wikipedia.org/wiki/Programming_model) which allows developers to create their own image manipulation routines without the additional cost or licensing restrictions, associated with commercial image processing software.

**JAI** is provided as a free download directly from [Oracle Corporation](https://en.wikipedia.org/wiki/Oracle_Corporation) for the [Windows](https://en.wikipedia.org/wiki/Microsoft_Windows), [Solaris](https://en.wikipedia.org/wiki/Solaris_(operating_system)), and [Linux](https://en.wikipedia.org/wiki/Linux) platforms. [Apple Inc.](https://en.wikipedia.org/wiki/Apple_Inc.) provides a [OS X](https://en.wikipedia.org/wiki/OS_X) version of the [API](https://en.wikipedia.org/wiki/API) from their website for [Mac OS X v10.3](https://en.wikipedia.org/wiki/Mac_OS_X_v10.3); [Mac OS X v10.4](https://en.wikipedia.org/wiki/Mac_OS_X_v10.4) and later ships with it preinstalled.

While the API is provided in [Java](https://en.wikipedia.org/wiki/Java_(programming_language)), [platform-specific](https://en.wikipedia.org/wiki/Platform-specific_model) implementations can either use the pure Java implementation or provide an implementation that takes advantage of [native](https://en.wikipedia.org/wiki/Native_mode) technology on the platform to provide better performance.

History of advancedJava

**Java history** is interesting to know. The history of java starts from Green Team. Java team members (also known as **Green Team**), initiated a revolutionary task to develop a language for digital devices such as set-top boxes, televisions etc.

For the green team members, it was an advance concept at that time. But, it was suited for internet programming. Later, Java technology as incorporated by Netscape.

Currently, Java is used in internet programming, mobile devices, games, e-business solutions etc. There are given the major points that describes the history of java.

1) **James Gosling**, **Mike Sheridan**, and **Patrick Naughton** initiated the Java language project in June 1991. The small team of sun engineers called **Green Team**.

2) Originally designed for small, embedded systems in electronic appliances like set-top boxes.

3) Firstly, it was called **"Greentalk"** by James Gosling and file extension was .gt.

4) After that, it was called **Oak** and was developed as a part of the Green project.