

Java 8

Why Java 8 was introduced ? / Purpose Of Java 8 Introduced

- Consistence and minimal code
- Missing functional programming benefits in OOPS nature, but Java is still OOP.
- To enable parallel programming, more compatible for multiple core processor.

Features

- Lambda Expressions(anonymous methods) : (x,y) -> x+y
- Stream API for bulk data operations on collections.
- Date & Time API, under Package java.Time.
- Base64 Encode & Decode. Package : Java.util.Base64
- Method reference & Constructor Reference [:: operator]
- Earlier Interfaces had public abstract methods, now we have default methods in Interfaces.
- Functional Interfaces :- Single abstract method in an interface, we don't use the **@FunctionalInterface** Annotation.
- Optional Classes.
- Java IO Improvements
- Collection API Improvements.