

Java version	Features	Preview Features	Incubator Modules
Java 8 LTS	Date/Time API. Lambda Expressions. Method References. Functional Interfaces. Comparable and Comparator Enhancements. Optional Class. Generalized Target-Type Inference. Streams.		
Java 9	Java interface private method. Try-with-resources. Factory Methods for Collections. Java Platform Module System.		HTTP/2 Client (Incubator).
Java 10	Local Variable Type Inference. Time-Based Release Versioning. Add copy factory methods for unmodifiable List, Set, Map. New methods for unmodifiable collections in the Stream package (Collector Class).		
Java 11 LTS	HTTP Client (Standard). Local-Variable Syntax for Lambda Parameters. New "CollectiontoArray(IntFunction)" Default Method.		
Java 12	Add a new static method teeing to java.util.stream.Collectors. Adding support for the compact/short number formatting in JDK. Add a String instance method String::transform". Add a new method "String::indent".	Switch Expressions (Preview).	
Java 13		Switch Expressions (Second Preview). Text Blocks (Preview).	
Java 14	Switch Expressions (Standard).	Pattern Matching for instanceof (Preview). Records (Preview). Text Blocks (Second Preview).	
Java 15	Text Blocks (Standard).	Sealed Classes (Preview). Pattern Matching for instanceof (Second Preview). Records (Second Preview).	
Java 16	Pattern Matching for instanceof. Records. Add Stream.toList() method.	Sealed Classes (Second Preview).	Vector API (Incubator).
Java 17 LTS	Enhanced Pseudo-Random Number Generators. Sealed Classes.	Pattern Matching for switch (Preview).	Vector API (Second Incubator).
Java 18	Simple Web Server. Internet-Address Resolution SPI.	Pattern Matching for Switch (Second Preview).	Vector API (Third Incubator).
Java 19		Record Patterns (Preview). Virtual Threads (Preview). Pattern Matching for Switch (Third Preview).	Vector API (Fourth Incubator). Structured Concurrency (Incubator).
Java 20		Record Patterns (Second Preview). Pattern Matching for switch (Fourth Preview). Virtual Threads (Second Preview).	Vector API (Fifth Incubator). Scoped Values (Incubator). Structured Concurrency (Second - Incubator).
Java 21 LTS	Sequenced Collections. Record Patterns. Pattern Matching for switch. Virtual Threads. Key Encapsulation Mechanism API. Prepare to Disallow the Dynamic Loading of Agents.	String Templates (Preview). Unnamed Patterns and Variables (Preview). Unnamed Classes and Instance Main Methods (Preview). Scoped Values (Preview). Structured Concurrency (Preview).	Vector API (Sixth Incubator).
Java 22	Foreign Function & Memory API. Unnamed Variables & Patterns. Launch Multi-File Source-Code Programs.	Statements before super(...) (Preview). Class-File API (Preview). String Templates (Second Preview). Stream Gatherers (Preview). Structured Concurrency (Second Preview). Implicitly Declared Classes and Instance Main Methods (Second Preview). Scoped Values (Second Preview).	Vector API (Seventh Incubator).
Java 23	Markdown Documentation Comments. ZGC: Generational Mode by Default. Deprecate the Memory-Access Methods in sun.misc.Unsafe for Removal.	Primitive Types in Patterns, instanceof, and switch (Preview). Class-File API (Second Preview). Stream Gatherers (Second Preview). Module Import Declarations (Preview). Implicitly Declared Classes and Instance Main Methods (Third Preview). Structured Concurrency (Third Preview). Scoped Values (Third Preview). Flexible Constructor Bodies (Second Preview).	Vector API (Eighth Incubator).