Summary of [#Java](https://www.linkedin.com/feed/hashtag/?keywords=java&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A6956179706115145728) 8,9,10,11,12,13,14,15,16,17,18 features.  
All features in a single post. [#bookmark](https://www.linkedin.com/feed/hashtag/?keywords=bookmark&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A6956179706115145728) [#share](https://www.linkedin.com/feed/hashtag/?keywords=share&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A6956179706115145728) [#like](https://www.linkedin.com/feed/hashtag/?keywords=like&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A6956179706115145728) [#follow](https://www.linkedin.com/feed/hashtag/?keywords=follow&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A6956179706115145728)  
[#Java](https://www.linkedin.com/feed/hashtag/?keywords=java&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A6956179706115145728) 18 Features:  
- UTF-8 by Default  
- Simple Web Server  
- Code Snippets in Java API Doc  
- Reimplement Core Reflection with Method Handles  
- Vector API  
- Internet-Address Resolution SPI  
- Foreign Function & Memory API  
- Pattern Matching for switch  
  
[#Java](https://www.linkedin.com/feed/hashtag/?keywords=java&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A6956179706115145728) 17 Features (Long Term Support) :  
- Restore Always-Strict Floating-Point Semantics  
- Enhanced Pseudo-Random Number Generators  
- New macOS Rendering Pipeline  
- macOS/AArch64 Port  
- Deprecate the Applet API for Removal  
- Strongly Encapsulate JDK Internals  
- Pattern Matching for switch  
  
[#Java](https://www.linkedin.com/feed/hashtag/?keywords=java&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A6956179706115145728) 16 Features:  
- Vector API  
- Enable C++14 Language Features  
- Migrate from Mercurial to Git  
- Migrate to GitHub  
- Concurrent Thread-Stack Processing  
- Unix-Domain Socket Channels  
- Alpine Linux Port  
- Elastic Metaspace  
- Windows/AArch64 Port  
  
[#Java](https://www.linkedin.com/feed/hashtag/?keywords=java&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A6956179706115145728) 15 Features  
- Sealed Classes and Interfaces  
- EdDSA Algorithm  
- Hidden Classes  
- Pattern Matching for instanceof  
- Removed Nashorn JavaScript Engine  
- Reimplement the Legacy DatagramSocket API  
- Records (Second Preview)  
- Text Blocks become a standard feature  
  
[#Java](https://www.linkedin.com/feed/hashtag/?keywords=java&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A6956179706115145728) 14 Features  
– Pattern Matching for instanceof  
– Text Blocks  
– Helpful NullPointerExceptions  
– Records  
– Switch Expressions  
– Packaging Tool  
– NUMA-Aware Memory Allocation for G1  
– JFR Event Streaming  
– Non-Volatile Mapped Byte Buffers  
– Remove the Pack200 Tools and API  
  
[#Java](https://www.linkedin.com/feed/hashtag/?keywords=java&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A6956179706115145728) 13 Features:  
– Text Blocks (Preview)  
– Switch Expressions Enhancements (Preview)  
– Reimplement the Legacy Socket API  
– Dynamic CDS Archive  
– ZGC: Uncommit Unused Memory  
– FileSystems.newFileSystem() Method  
– DOM and SAX Factories with Namespace Support  
  
[#Java](https://www.linkedin.com/feed/hashtag/?keywords=java&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A6956179706115145728) 12 Features:  
- Collectors.teeing() in Stream API  
- String API Changes  
- Files.mismatch(Path, Path)  
- Compact Number Formatting  
- Support for Unicode 11  
- Switch Expressions (Preview)  
  
[#Java](https://www.linkedin.com/feed/hashtag/?keywords=java&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A6956179706115145728) 11 Features (Long Term Support):  
- HTTP Client API  
- Launch Single-File Programs Without Compilation  
- String API Changes  
- Collection.toArray(IntFunction)  
- Files.readString() and Files.writeString()  
- Optional.isEmpty()  
  
[#Java](https://www.linkedin.com/feed/hashtag/?keywords=java&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A6956179706115145728) 10 Features:  
- Local Variable Type Inference  
- Time-Based Release Versioning  
- Garbage-Collector Interface  
- Parallel Full GC for G1  
- Heap Allocation on Alternative Memory Devices  
- Consolidate the JDK Forest into a Single Repository  
  
[#Java](https://www.linkedin.com/feed/hashtag/?keywords=java&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A6956179706115145728) 9 Features:  
- Java platform module system  
- Interface Private Methods  
- HTTP 2 Client  
- JShell  
- Platform and JVM Logging  
- Process API Updates  
- Collection API Updates  
- Improvements in Stream API  
- Multi-release JAR Files  
- @Deprecated Tag Changes  
- Stack Walking  
  
[#Java](https://www.linkedin.com/feed/hashtag/?keywords=java&highlightedUpdateUrns=urn%3Ali%3Aactivity%3A6956179706115145728) 8 Features (Long Term Support):  
- Lambda expression  
- Stream API  
- Functional interface  
- Default and static methods  
- Optional class  
- Nashorn – JavaScript runtime engine  
- Unsigned Integer Arithmetic  
- Repeating annotations  
- New Date and Time API