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Java[™]
Champions













Background Jakarta EE 9 Beyond Jakarta EE 9





JAKARTA EE

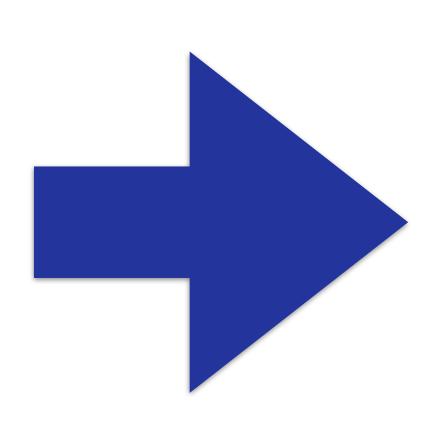


















The Apache Jakarta Project http://jakarta.apache.org/



https://jakarta.ee



Open Specifications

Jakarta EE Specification Process JAKARTA EE

Code First

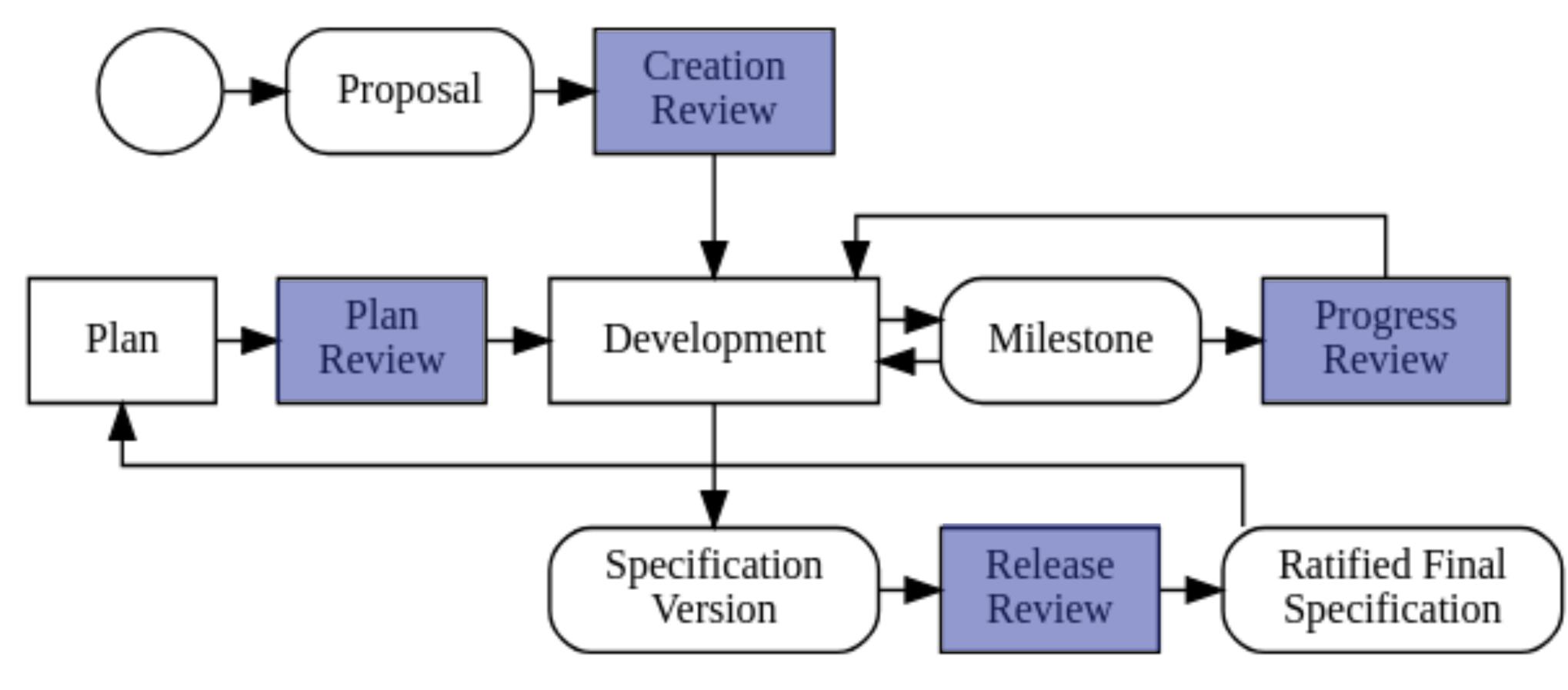
Collaborative

Documents and TCKs are open source

One or more Compatible Implementations

Self certification

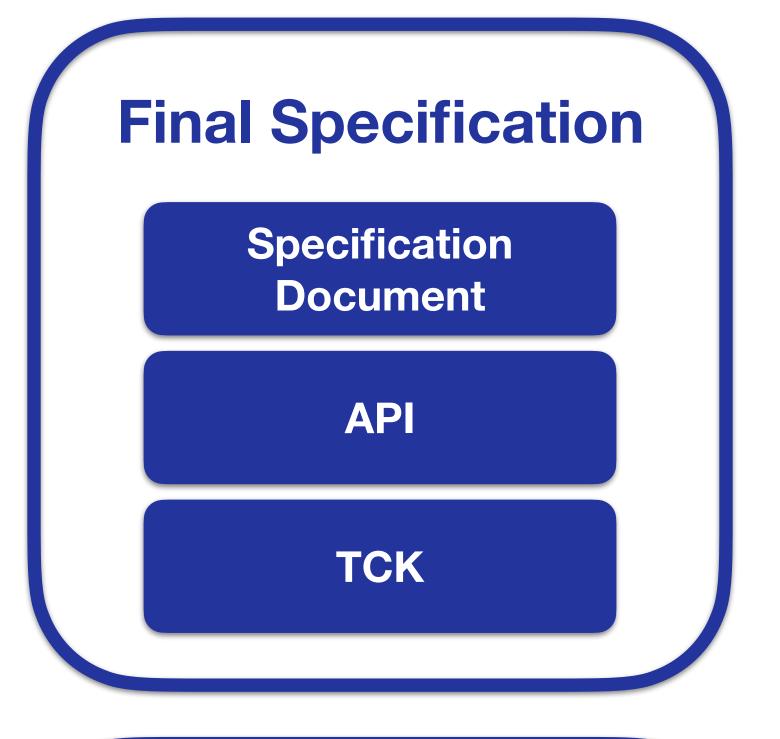






A Specification?

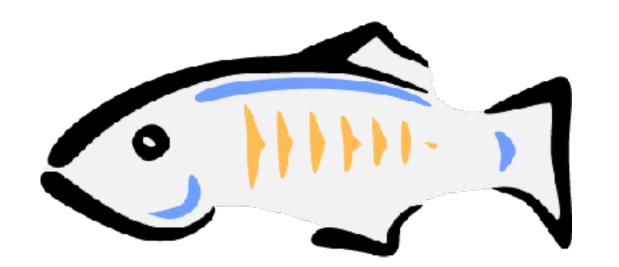




Compatible Implementation(s)



Compatible Implementations?





FUJITSU Software Enterprise Application Platform























https://jakarta.ee/compatibility/





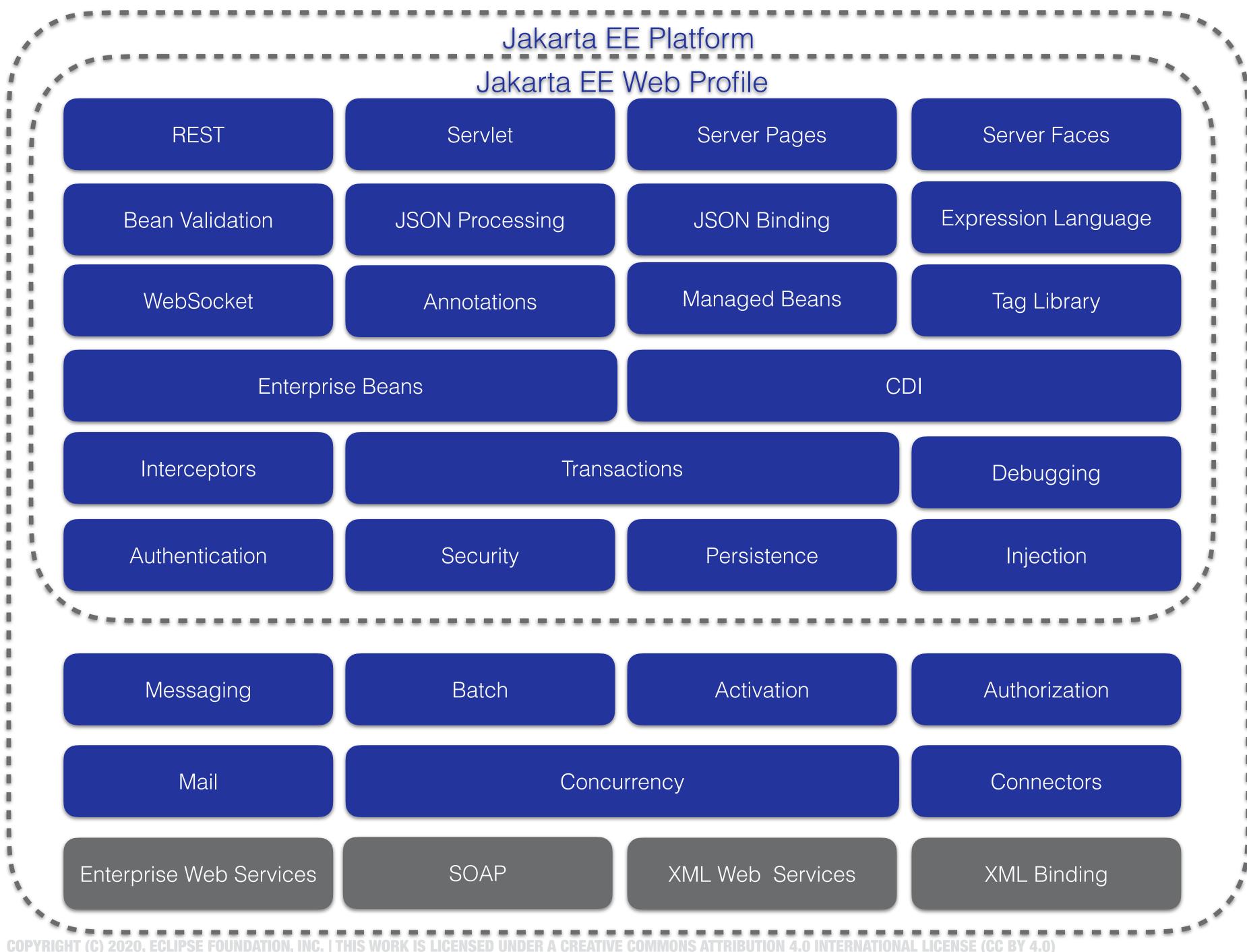
Jakarta EE 9





Specifications











Available NOW!



https://jakarta.ee/compatibility/download/







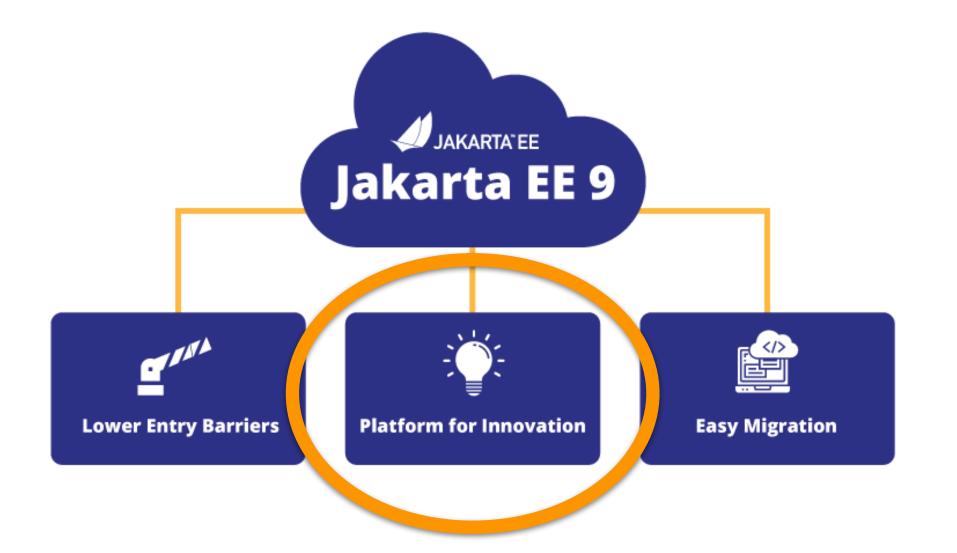


Lower Entry Barriers





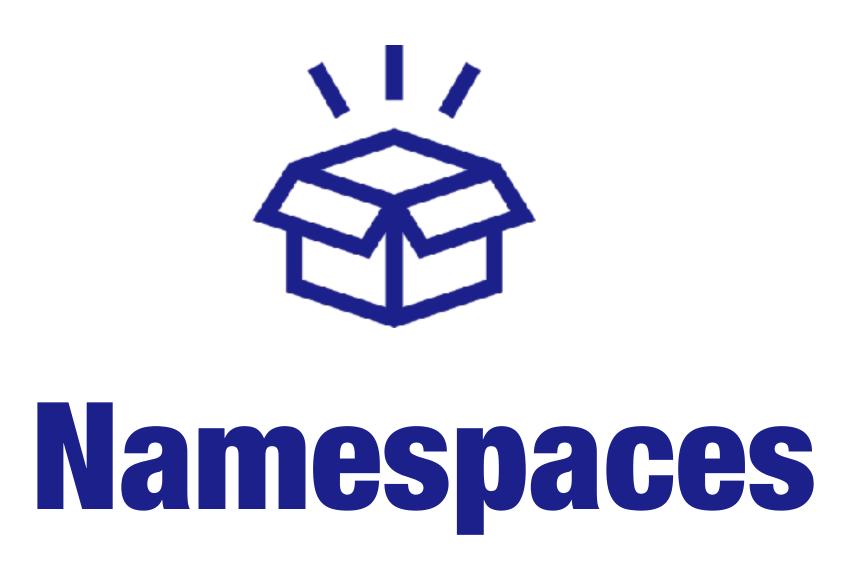
Platform for Innovation





Easy Migration







javax.* -> jakarta.*





Demo





http://localhost:8082/complete-duke/hello



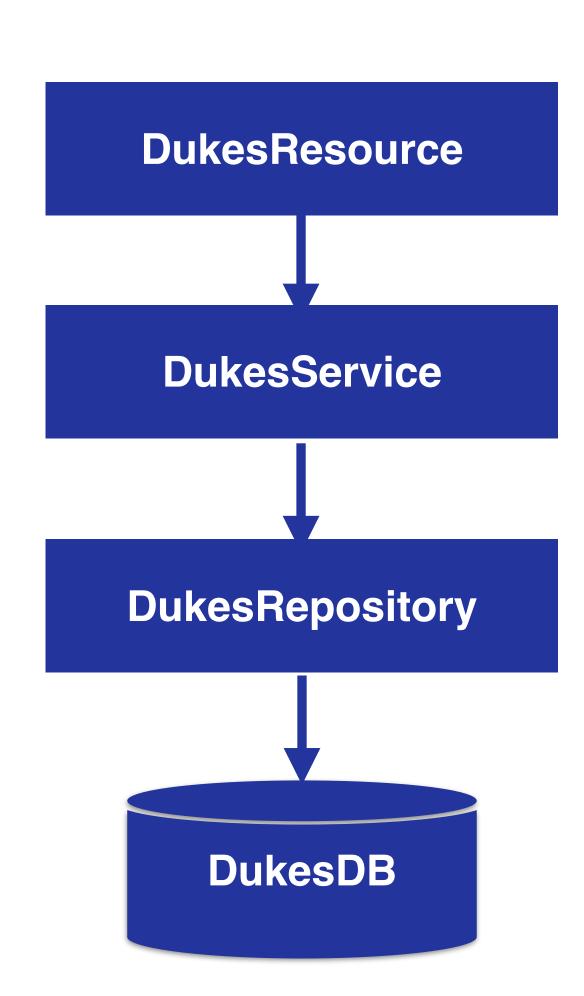
http://localhost:8081/complete-duke/hello



email: "duke@dukes.java", message: "Howdy Jakarta EE 9!"

Jakarta CDI

Dukes Extension



Jakarta REST

Jakarta Enterprise Beans

Jakarta Persistence



- 1. Update Jakarta EE version in pom.xml
- 2. Fix the imports
- 3. XML Schema Namespaces
- 4. Rename properties prefixed with java.
- 5. Rename bootstrapping Files
- 6. Verify data and dynamic content

https://github.com/ivargrimstad/jakartaee-duke/



Jakarta EE 9.1

Java SE 11 Support









Beyond Jakarta EE 9

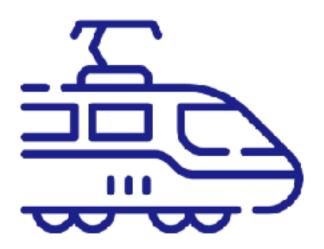






CDI Lite





Release Cadence

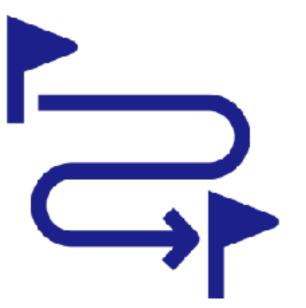




Decouple Specifications







Java SE Versions







New APIs ?





Jakarta NoSQL

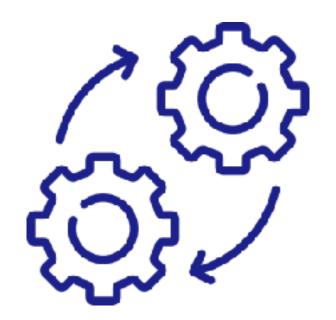




Jakarta MVC







Externalized Configuration





Possible Updates



JWT

OAuth2

Jakarta Security

OpenID

@RunAs

@RolesAllowed



@MaxConcurrency

CDI

Jakarta Concurrency

@Pooled

@ManagedExecutorServiceDefinition



AMQP

CDI

Jakarta Messaging

Kafka

MQTT





Updates to JPQL

Simplification

Jakarta Persistence

JCache

Multi-tenancy



CDI

Jakarta REST

multipart/form-data

Java SE Bootstrap



Jakarta Batch Jakarta Mail Jakarta Transactions Jakarta Faces









Jakarta EE https://jakarta.ee



Sources

https://github.com/eclipse-ee4j

Jakartablogs
https://jakartablogs.ee/

Hashtag Jakarta EE https://www.agilejava.eu/category/jakarta-ee/

