



Jakarta EE 9 and Beyond

Tanja Obradović
Jakarta EE Program Manager
Eclipse Foundation

Ivar Grimstad 
Jakarta EE Developer Advocate
Eclipse Foundation

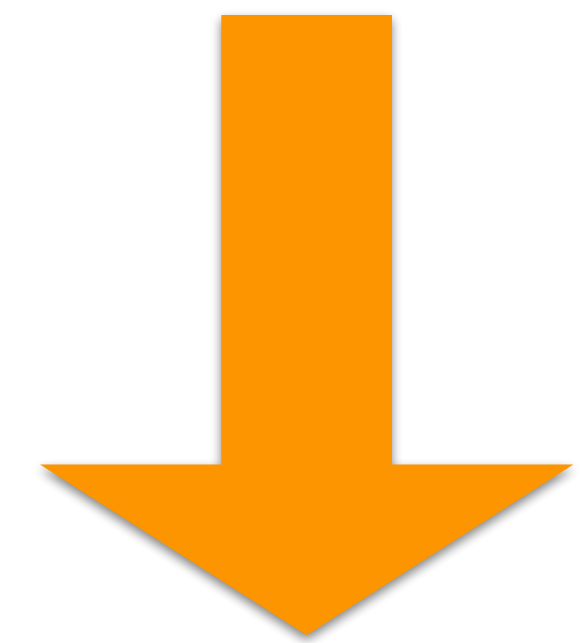
Background Jakarta EE 9 Beyond Jakarta EE 9



Poll



Вы используете Jakarta EE сегодня?





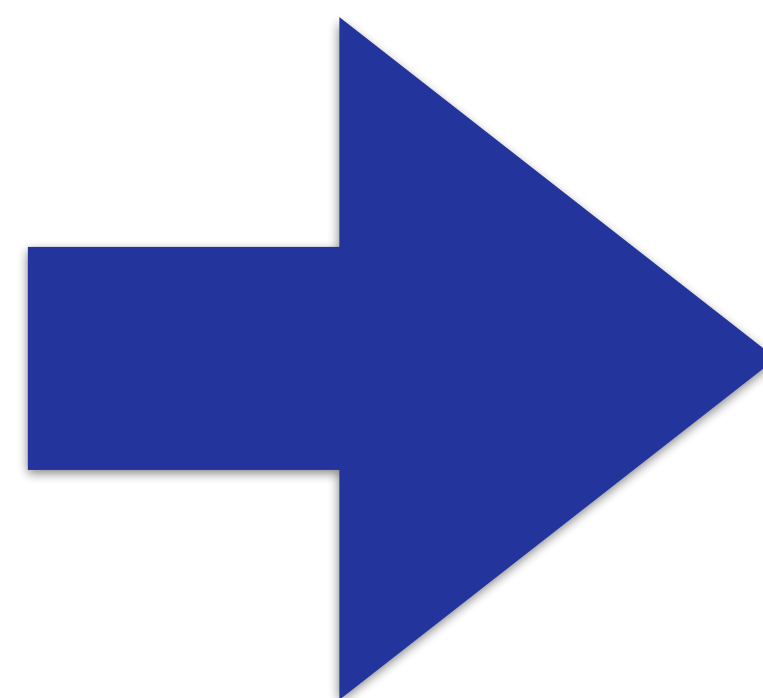
JAKARTA EE



JAKARTA EE

Java EE

EE4J



ORACLE®



<https://jakarta.ee>

Open Specifications

Jakarta EE Specification Process



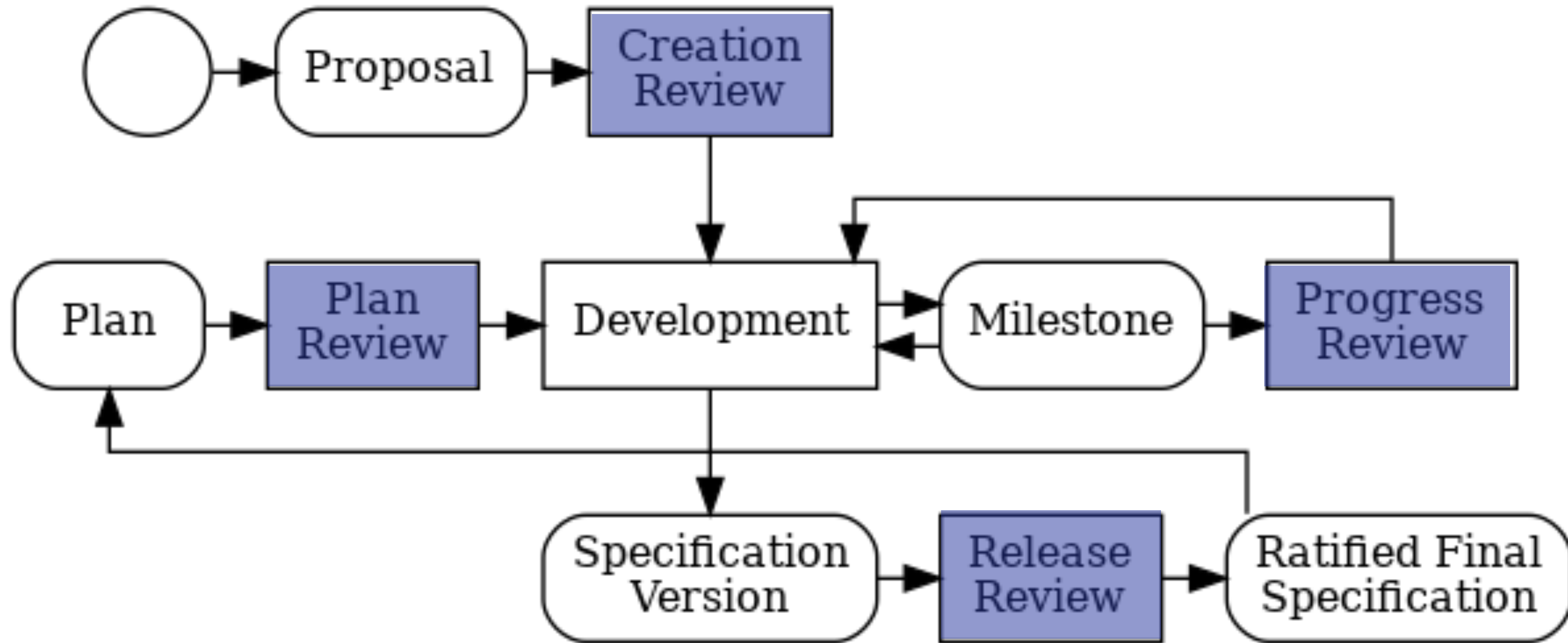
Code First

Collaborative

Documents and TCKs are **open source**

One or more **Compatible Implementations**

Self certification



A Specification

Final Specification

Specification
Document

API

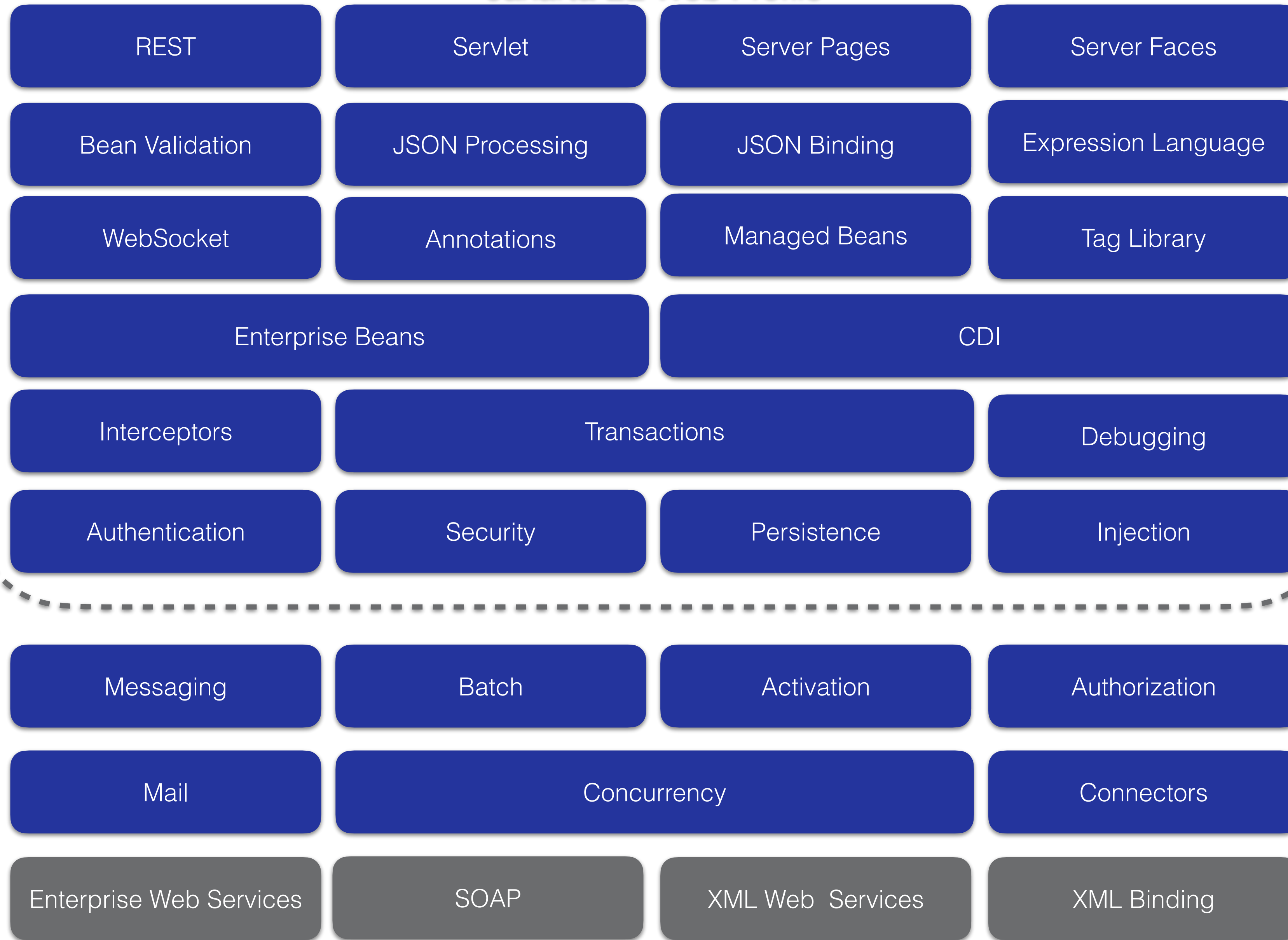
TCK

Compatible
Implementation(s)



Jakarta EE Platform

Jakarta EE Web Profile



Compatible Implementations



FUJITSU Software
Enterprise Application Platform



<https://jakarta.ee/compatibility/>





Lower Entry Barriers



Platform for Innovation



Easy Migration



javax.* -> jakarta.*

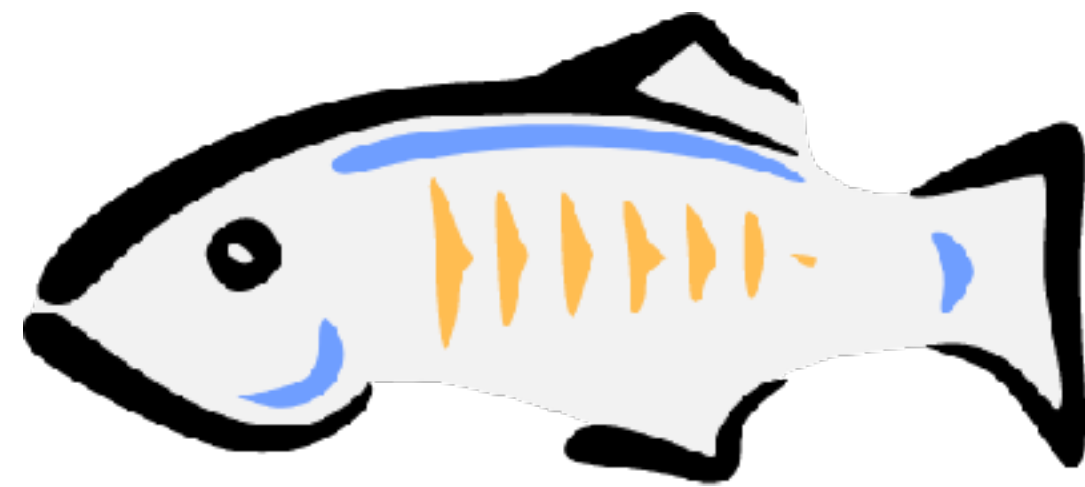


Available NOW!

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



Jakarta EE 9



<https://jakarta.ee/compatibility/>



javax -> jakarta



Demo



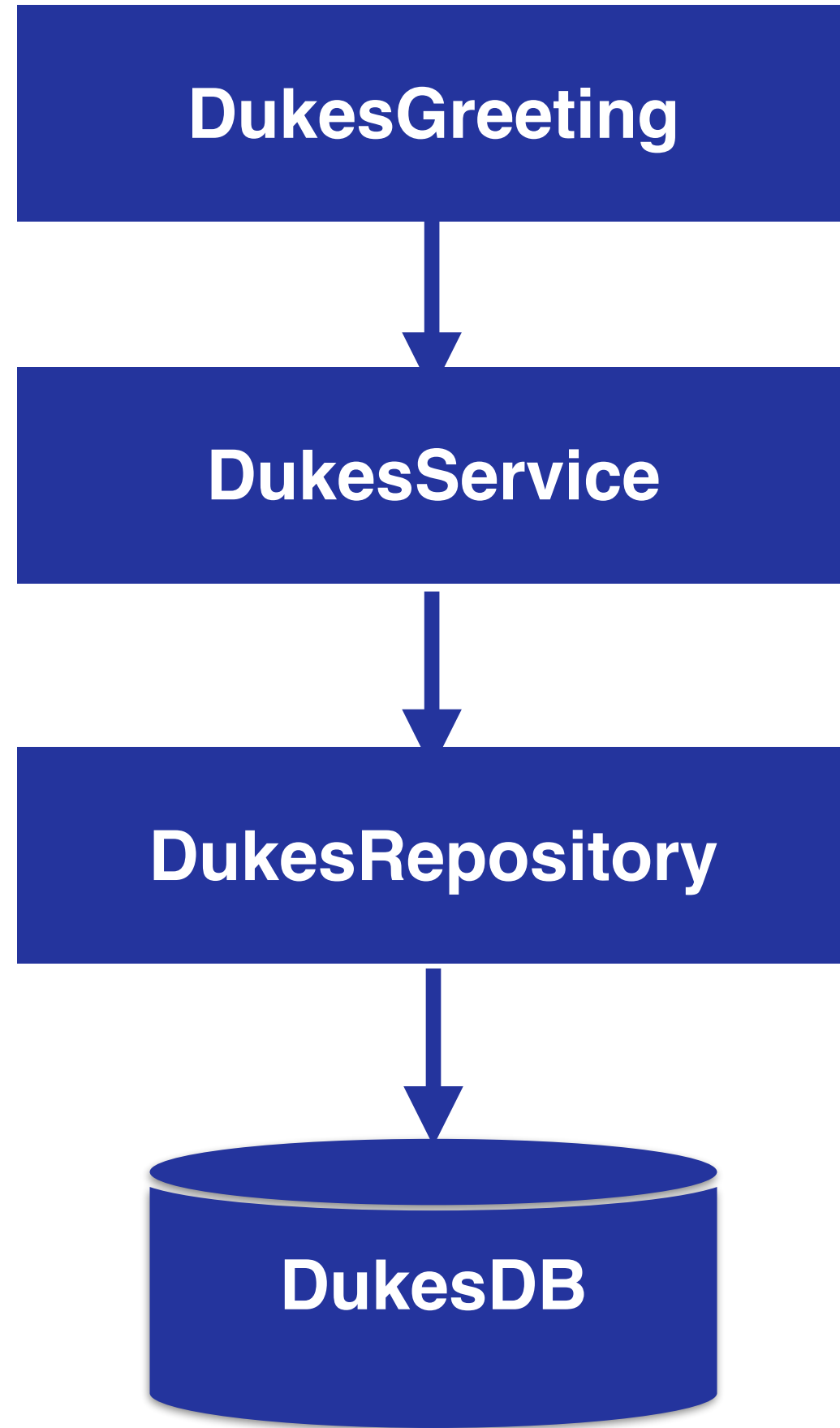
<http://localhost:8082/complete-duke/hello>



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


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

Jakarta CDI



Jakarta REST

Jakarta Enterprise Beans

Jakarta Persistence

```
*****  
Duke says: Hi there!  
*****
```

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

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



Transformation



Eclipse Transformer

<https://github.com/eclipse/transformer>

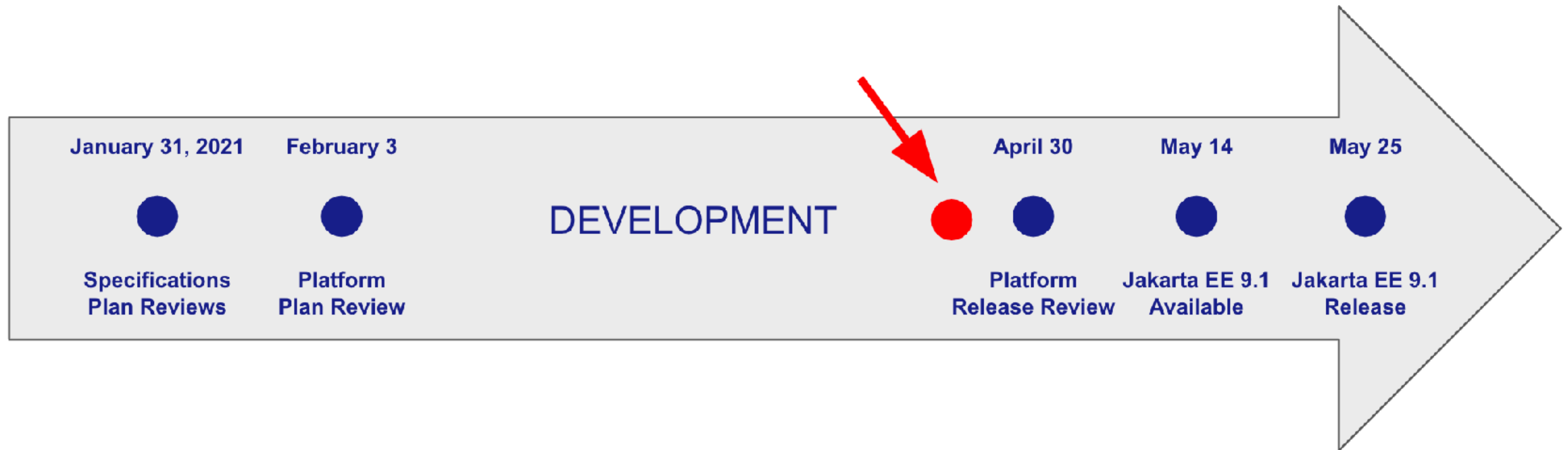


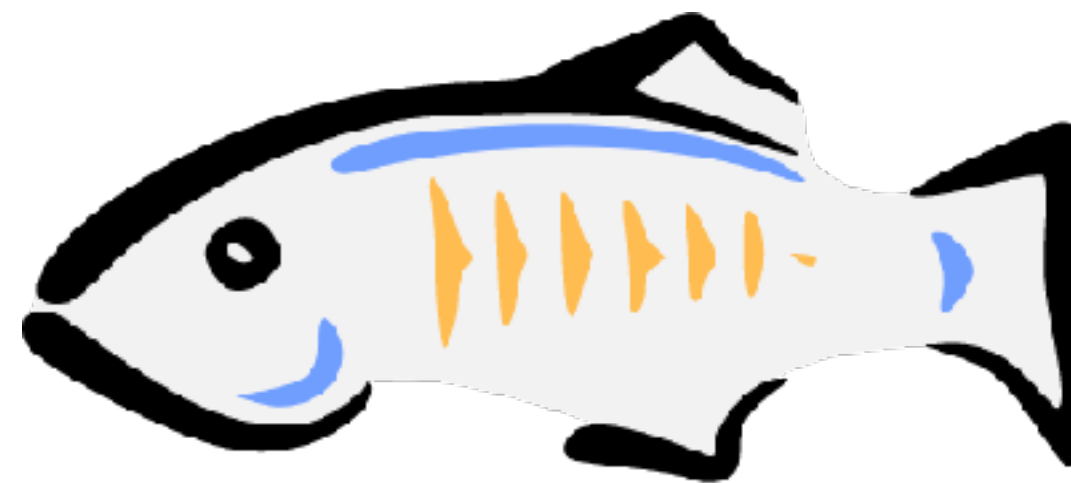
Apache Tomcat Migration Tool

<https://tomcat.apache.org/download-migration.cgi>

Jakarta EE 9.1

Java SE 11 Support





GlassFish 6.1.0-RC1

<https://download.eclipse.org/ee4j/glassfish/glassfish-6.1.0-RC1.zip>



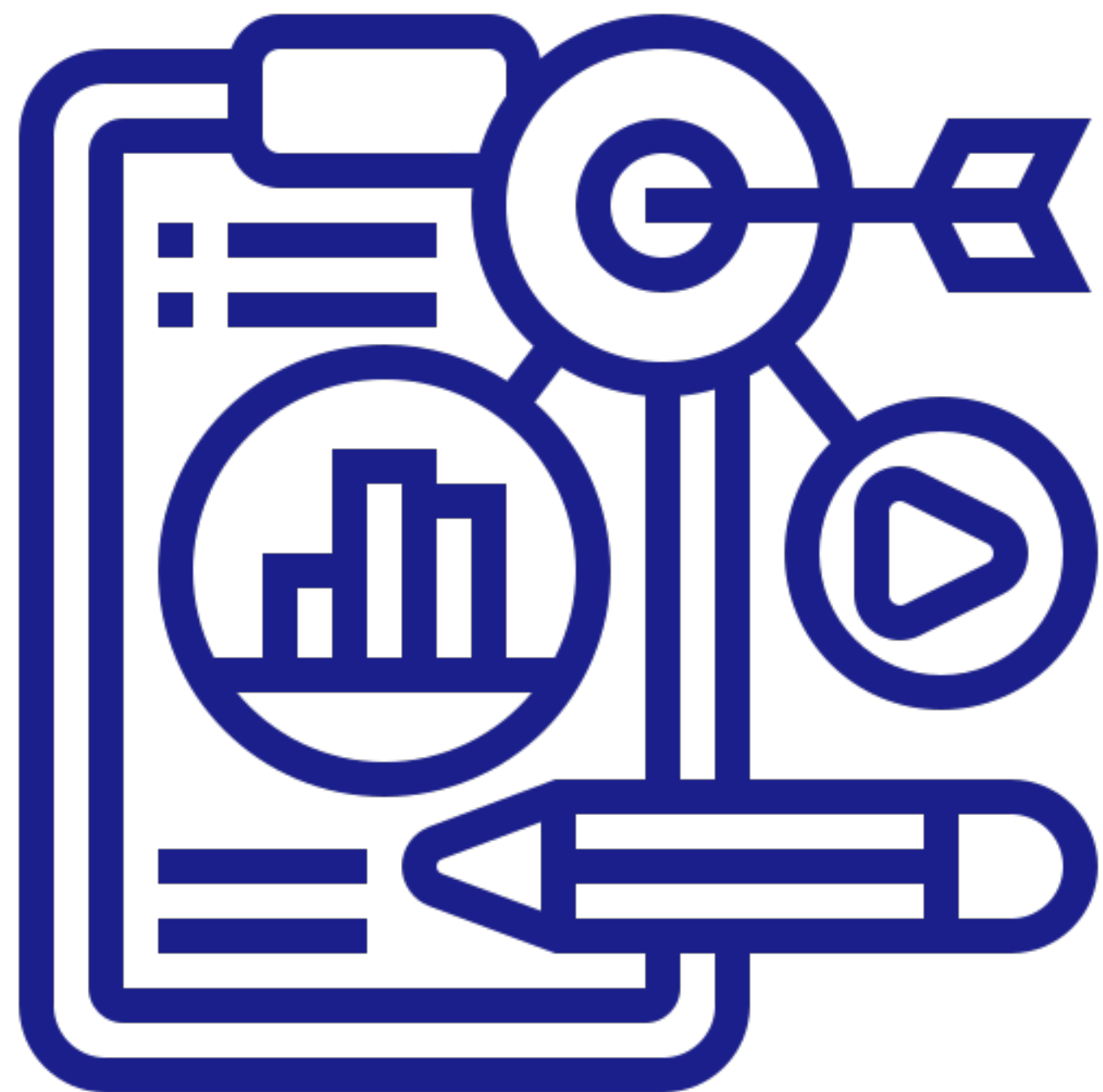
Beyond Jakarta EE 9



Jakarta EE Core Profile

Targeting smaller runtimes!

Plan Reviews

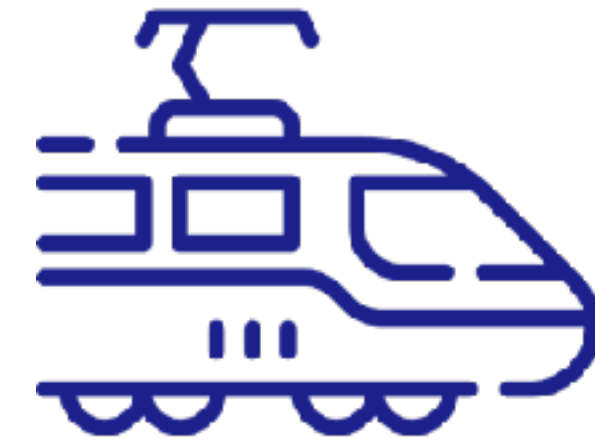


Jakarta Standard Tag Library 3.0
Jakarta Expression Language 5.0
Jakarta Security 3.0
Jakarta Authorization 3.0
Jakarta Persistence 3.1
Jakarta XML Web Services 4.0
Jakarta SOAP with Attachments 3.0
Jakarta XML Binding 4.0
Jakarta Authentication 3.0
Jakarta Faces 4.0
Jakarta JSON Processing 2.1
Jakarta Mail 2.1
Jakarta Activation 2.1
Jakarta RESTful Web Services 4.0
Jakarta JSON Binding 3.0
Jakarta MVC 2.1



Jakarta EE 10

Slimming down for the clouds!



Release Cadence



Decoupling



Java SE Versions

Summary





javax.* -> jakarta.*

Jakarta EE

<https://jakarta.ee>



Jakartablogs

<https://jakartablogs.ee/>

Ivar's Hashtag Jakarta EE

<https://www.agilejava.eu/category/jakarta-ee/>

Tanja's Blog


<https://blogs.eclipse.org/blogs/tanja-obradovic>



JAKARTA EE

JAKARTA EE DEVELOPER
SURVEY 2021

**TAKE THE
SURVEY
TODAY!**



JAKARTA EE



<https://www.surveymonkey.com/r/FD2GWM8>

Thanks !