Member Driven Eclipse Working Group

Jakarta EE Working Group Roles:

• Ecosystem governance
• Approves specifications
• Manages the Jakarta EE brand
• Establishes technical roadmap
• Ensures compatibility via open source TCKs

All stakeholders (enterprises, vendors, SI’s) have seat at the table

• No longer controlled by one company

New, open processes to enable rapid open innovation
Jakarta EE Working Group Members

Strategic Members

Fujitsu
IBM
Oracle
Red Hat
Payara
Tomitribe

Participating Members

DocDoku
RCP Vision
UseOpen
Lightbend
Pivotal
LJC
Webtide
SAP
Mizuho
IncQueryLabs
Vaadin
CloudBees
Microsoft

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High Level Roadmap

Eclipse GlassFish “Next”

14-DEC-18

Sources, TCKs, Docs

Java EE 8

Jakarta EE 8

Jakarta EE Next

Oracle GlassFish 5.X

Eclipse GlassFish 5.X

Java EE 8

??-2019
Jakarta EE Specification Process

This process is being defined by the Jakarta EE Working Group Specification Committee.

• No more “Spec Lead”
• Specifications run as open source projects
• “Compatible” implementations, rather than one “Reference” implementation
  • TCKs and at least one compatible implementation must be under an open source license
• Self-certification
• Branding for compatible implementations of Profiles
Jakarta EE Spec Process: 2018 Key deliverables

- Establish spec process for existing (JCP) and new specs
- Compatibility process
- Brand licensing

- Eclipse Glassfish 5.2 certified as Jakarta EE 8 compatible
Major Accomplishments (1/2)

- 39 new Eclipse projects
  - Java EE 8 RIs, TCKs are all contributed
  - 160 new committers
  - IP team has already processed 30% more CQs than in all of 2017
  - Thank you Oracle! The Java EE team has been great to work with
- Java EE 8 TCK agreement completed with Oracle
- PMC approved plan for Eclipse Glassfish 5.1 release on Dec. 14, 2018, certified as Java EE 8 compatible
Major Accomplishments (2/2)

• Spec Process v1.0 drafted, open for community review
• Modifications to Eclipse Development Process drafted, available for Architecture Council review
• Modification to the Eclipse IP Policy are drafted
• Modification to the ECA, ICA, MCA and ToU drafted, ready for Board approval
• New licenses drafted:
  • Eclipse Foundation Specification License
  • Eclipse Foundation TCK License
  • Eclipse Foundation Trademark License
Next Steps

• Ship Eclipse Glassfish 5.1 branded as Java EE 8 compatible
• Have all WG members sign the participation agreement
• Roll out ECA/ICA/MCA/ToU across all of Eclipse
• Publish Spec Process v1.0 allowing us to create new Jakarta EE specifications
  • Jakarta NoSQL will be the first spec
• Continue negotiating with Oracle and hope that timely progress is made
(Optional)
Eclipse Foundation
Specification Process
Specification Artifacts

- Specification Document
- API JAR
- Specification Project
- Technology Compatibility Kit (TCK)
- Compatible Implementations
Open Source License

- A “Compatible Implementation” must exist under an “Open Source License”, which is one of:
  - Eclipse Public License - v 2.0 (possibly with Secondary Licenses)
  - Eclipse Distribution License - v 1.0 (aka BSD-3-Clause)
  - Apache License - v 2.0.
Eclipse Specification Process

- “Just enough” process
- Based on/extends the EDP
- IP flows are similar to the EDP process
- Patent rights need to be addressed
- Customizable
Specification Project

An Eclipse Project that...

• Is designated as a “Specification Project”
• Is “owned” by a Working Group
• Requires Specification Committee approvals
• Has a special class of committer
Specification Committer

• Must be a Member
  • Employed by an Eclipse Foundation Member Company, or
  • Committer Member

• Must be covered by a Working Group Participation Agreement
Participant Representative

• A Participant Representative (committer) represents the interests of a Participant
  • Appointed to the project (no election)

• Participant
  • Individual Participant
  • Member Participant
The Overall Process

Proposal -> Creation Review -> Plan Review -> Development

Progress Review

Plan

Milestone Build -> Specification Version

Release Review -> Ratified Final Specification
Compatibility Claims
Licenses

- Eclipse Foundation Specification License
  - Allows implementers to create implementations of the spec under whatever license they would like
- Eclipse Foundation TCK Binary License
  - Allows implementers to verify that they are compatible with a specific version of a ratified final specification
- Eclipse Foundation Trademark License
  - Allows compatible implementation to use the logo/trademark (e.g. Jakarta EE)
Thank You

Mike Milinkovich,
Eclipse Foundation
@mmilinkov
@EclipseFdn