



# JAKARTA EE

JCP Update  
October 2018

# 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



## Participating Members



# High Level Roadmap

Eclipse  
GlassFish "Next"



Eclipse  
GlassFish 5.X



Oracle  
GlassFish 5.X



Java EE 8



Sources,  
TCKs, Docs

14-DEC-18



Java EE 8



JAKARTA EE

Jakarta EE 8



JAKARTA EE

Jakarta EE Next



??-2019

# Jakarta EE Specification Process

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

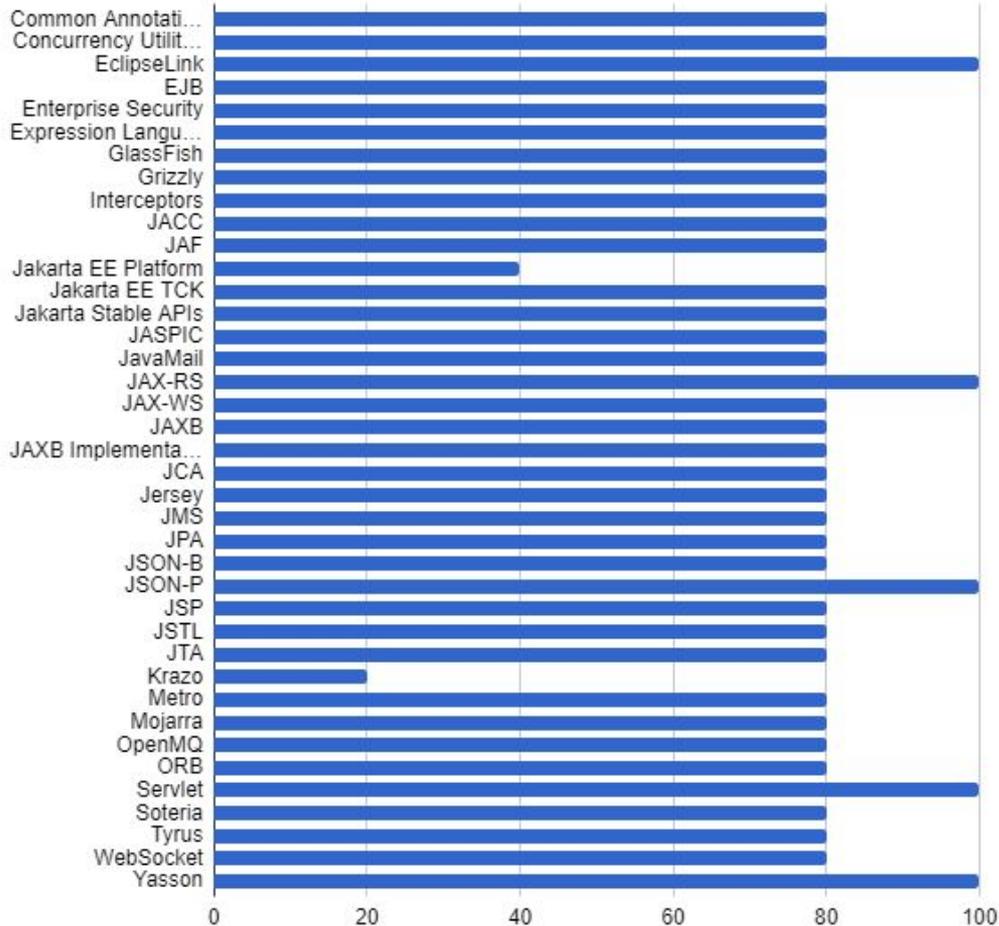
- No more “Spec Lead”
- Specifications run as open source projects
- “Compatible” implementations, rather than one “Reference” implementation
  - TCKs and at least one compatible implementation must be under an open source license
- Self-certification
- Branding for compatible implementations of Profiles

# 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



# Current Migration Status

# 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

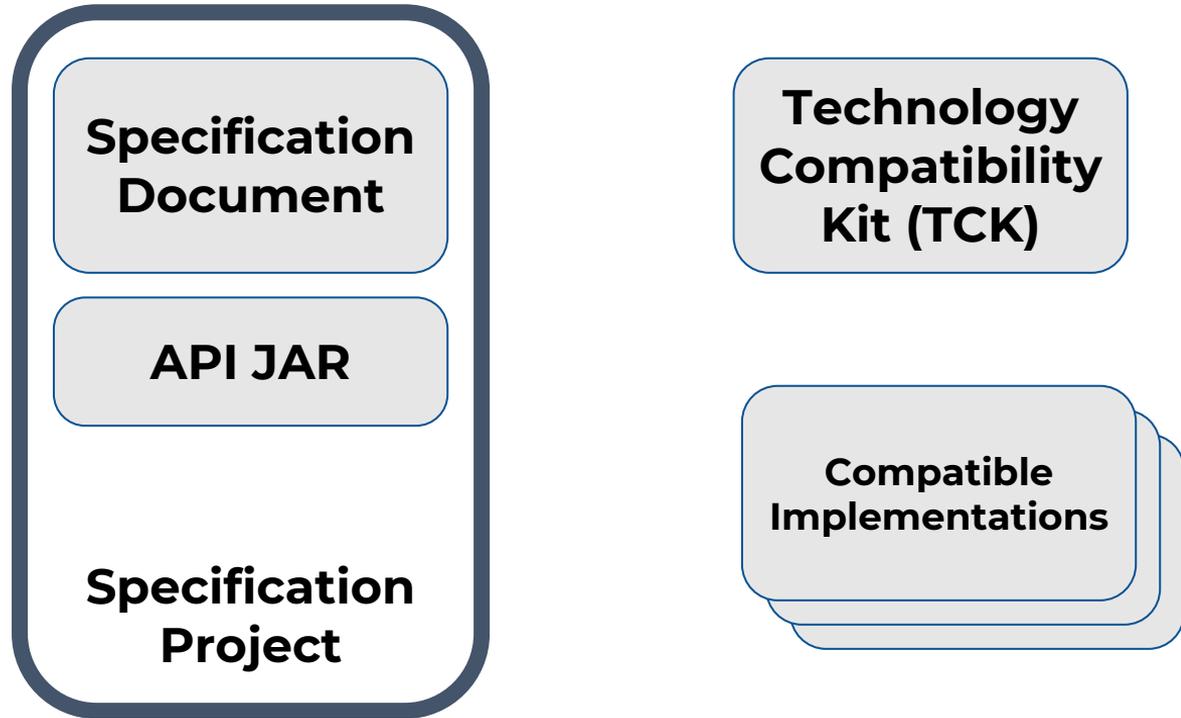
# Next Steps

- 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



# 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...

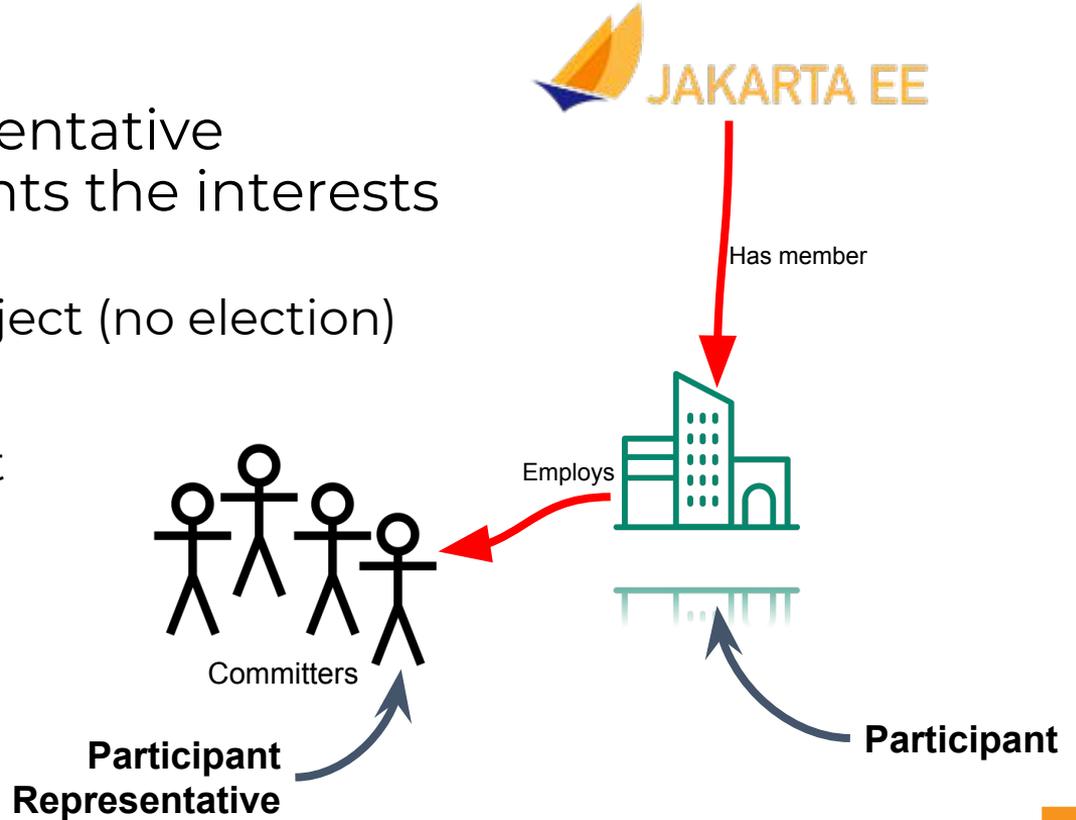
- Is designated as a “Specification Project”
- Is “owned” by a Working Group
- Requires Specification Committee approvals
- Has a special class of committer

# Specification Committer

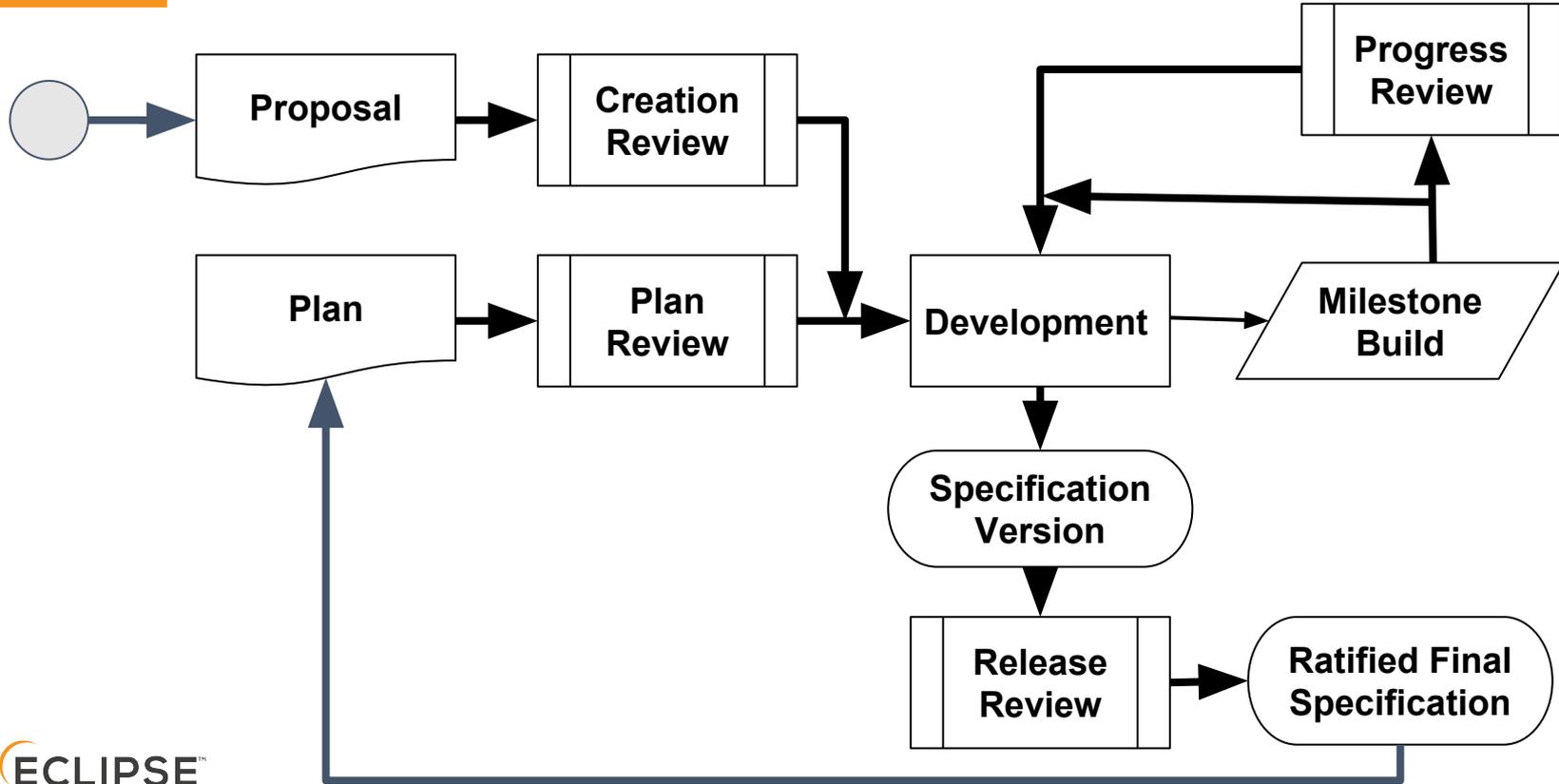
- Must be a Member
  - Employed by an Eclipse Foundation Member Company, or
  - Committer Member
- Must be covered by a Working Group Participation Agreement

# Participant Representative

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

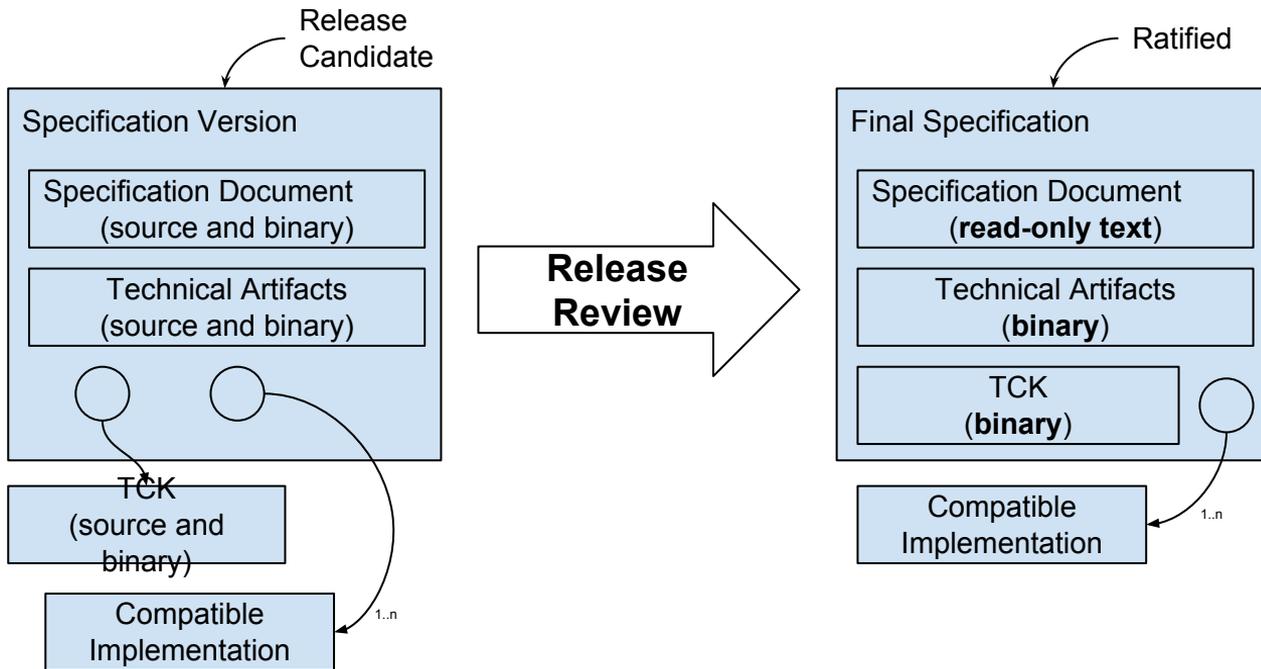


# The Overall Process



# 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**