JAKARTA EE

Update - January 2019

ECLIPSE FOUNDATION

Jakarta EE Working Group Members

Strategic Members

Participating Members

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JAKARTA EE

Working Group

An Industry Consortium

Approves Specifications

Manages the Jakarta EE brand

Establish technical roadmap

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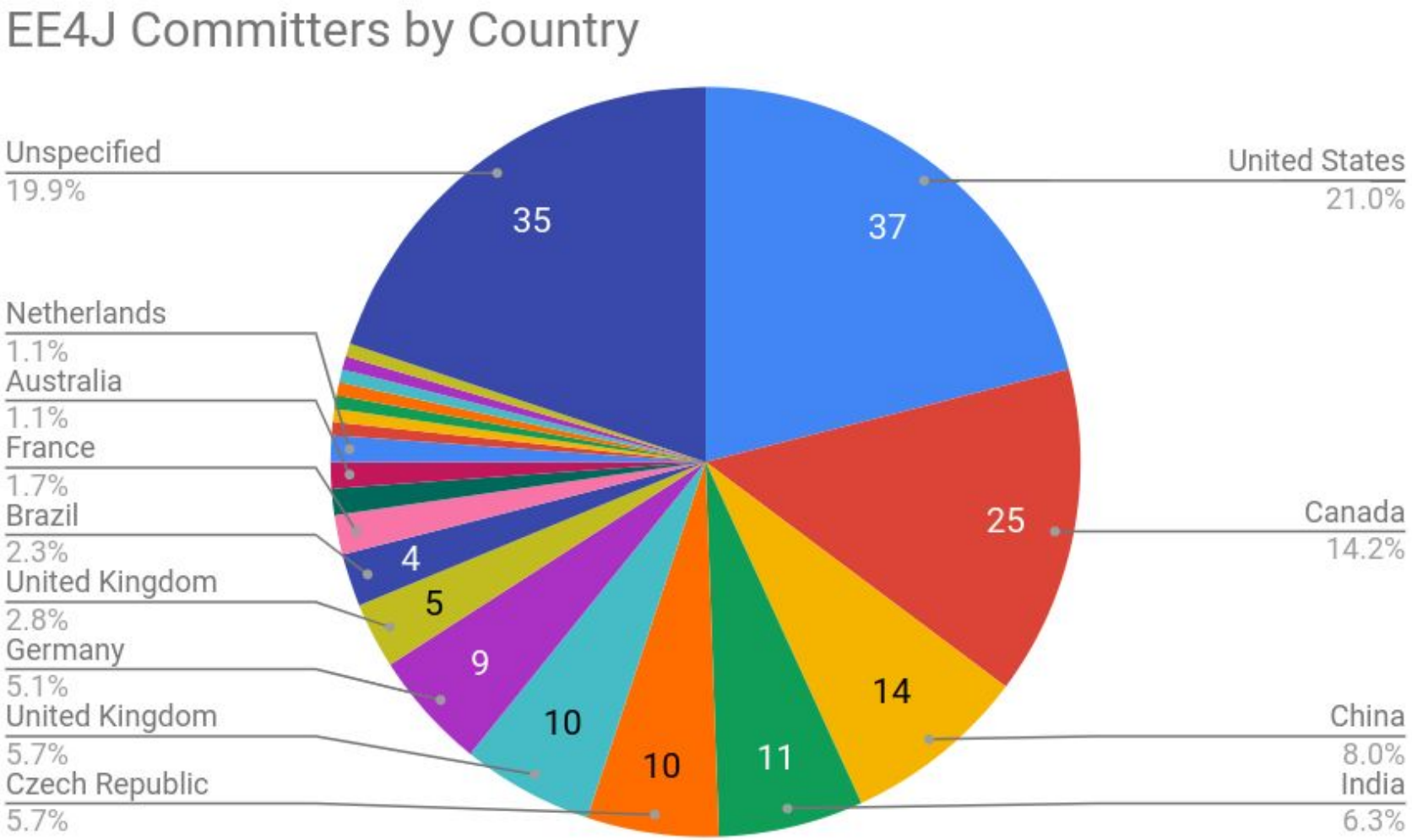
An International Community



Accomplishments

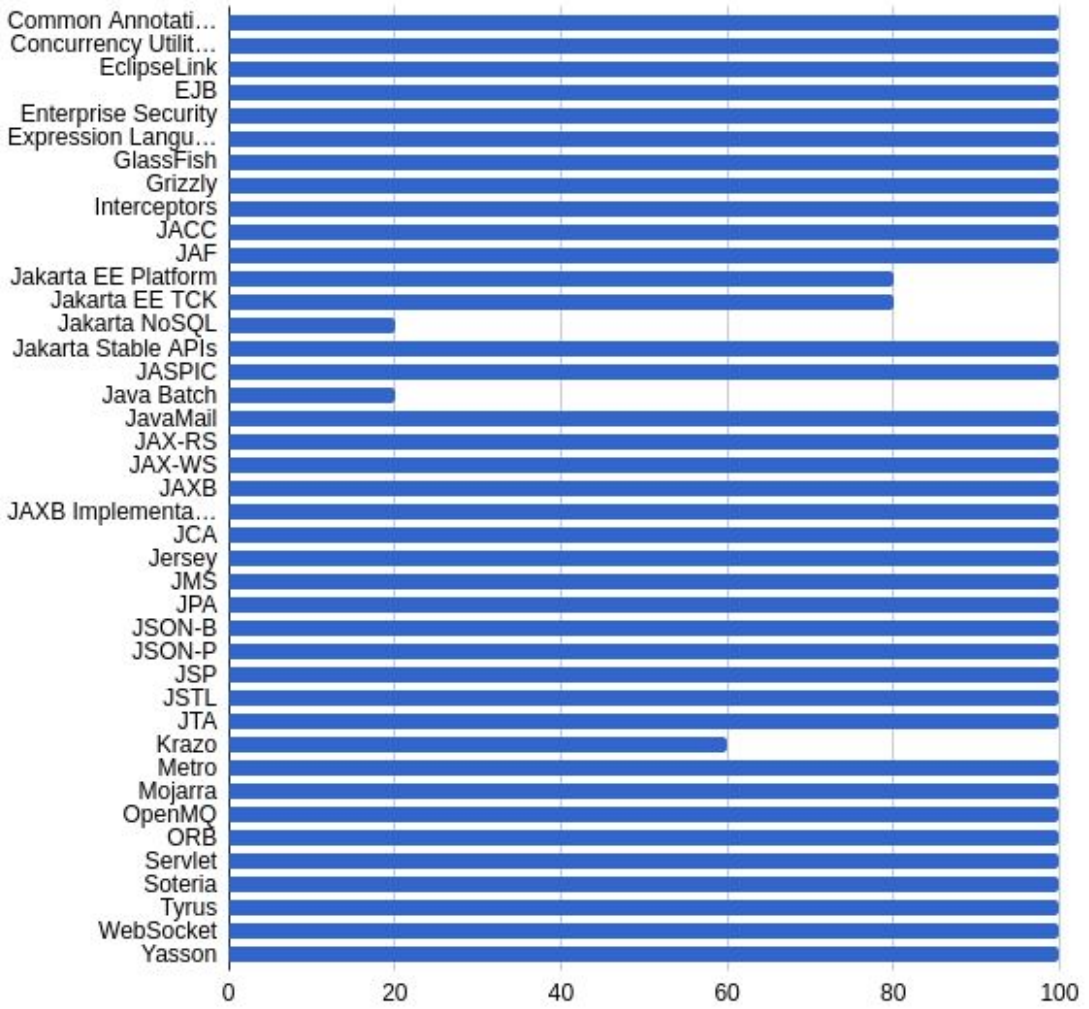
- 39 new Eclipse projects
  - Java EE 8 RIs, TCKs are all contributed
  - 160 new committers
  - IP team has already processed 30% more CQs than in all of 2017
  - Thank you Oracle! The Java EE team has been great to work with
- Java EE 8 TCK agreement completed with Oracle
- Eclipse Glassfish 5.1 was released on Jan 29, 2019 certified as Java EE 8 compatible

What does it mean?

TCK is now open sourced!

- **Transparency**
  - insight into tests
  - the community participation
- **Openness**
  - greater pool of contributors
  - equal opportunity with established process and governance
- **Shared burden**
  - spread responsibility for building and maintaining the TCKs
  - no dependency on a single organization or group
- **Vendor neutrality and continuity**
  - continuity in the case single entity reduces their investment.

Proposal → Creation → Initial Contribution → Working in an EF Repository → Release Review



Done

JAKARTA EE

Migration status

http://jakarta.ee/

#jakartaee

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JAKARTA EE

Open for Innovation

Technical Direction Guiding Principles

- Open for Innovation
- Split stand-alone Jakarta EE TCK into individual projects
- Embrace JPMS
- Standardise on the Maven build system
- Deprecate old technologies and provide optional modules
- Prefer soft dependencies
- Integration with CDI and Config
- Release Cadence
- Focus on testing
- Standard formatting of Specification and Documentation

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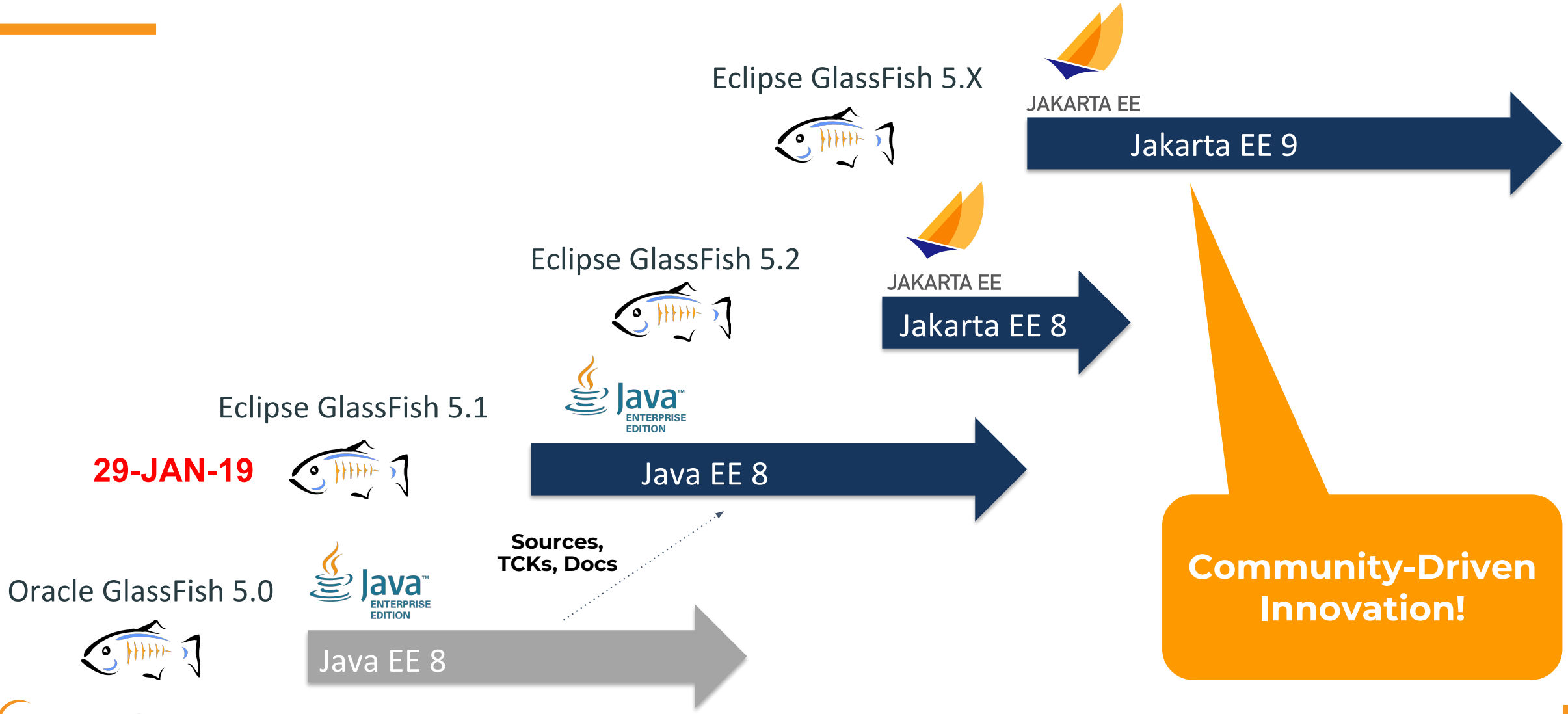
High Level Roadmap



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So Where Are We?

- The code and TCKs are contributed
- We have the first Eclipse GlassFish 5.1 official release
- EF Specification Process adopted
- Jakarta EE Specification Process being defined as an adaptation of the EF process
- A proposal for the very first specification to follow the EF Specification Process
  - *Jakarta NoSQL*

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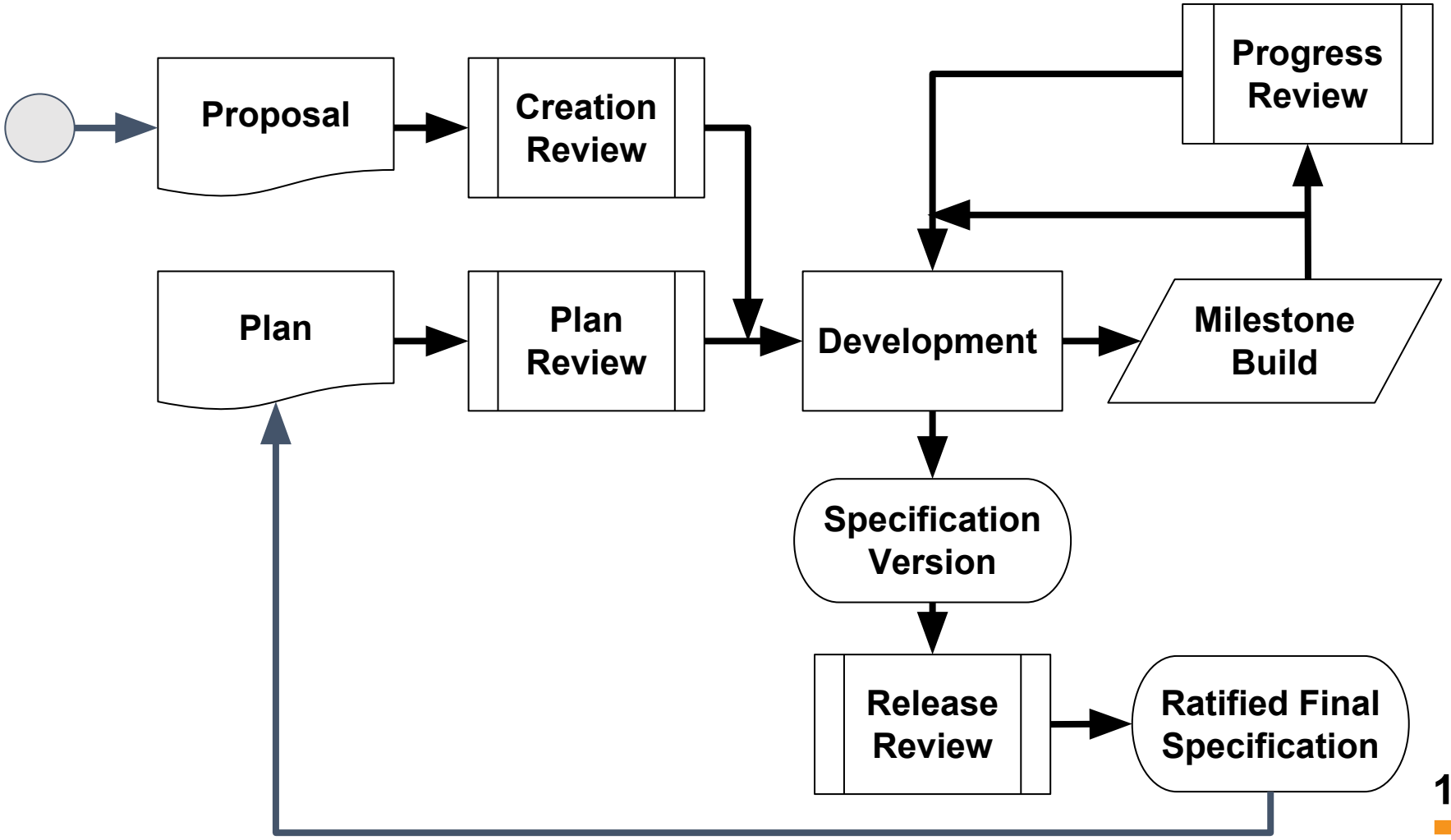
The Jakarta EE Specification Process

JCP vs. EFSP

Java EE	**Specification** First	→	**Code** First
Java EE	**Led** by Specification Lead	→	**Collaborative**
Java EE	Documents and TCKs are **closed source**	→	Documents and TCKs are **open source**
Java EE	One normative "**Reference Implementation**"	→	One or more "**Compatible Implementations**"
Java EE	**Oracle certification process**	→	**Self certification**

The Overall Specification Process

EFSP Community review completed



EFSP vs. JESP

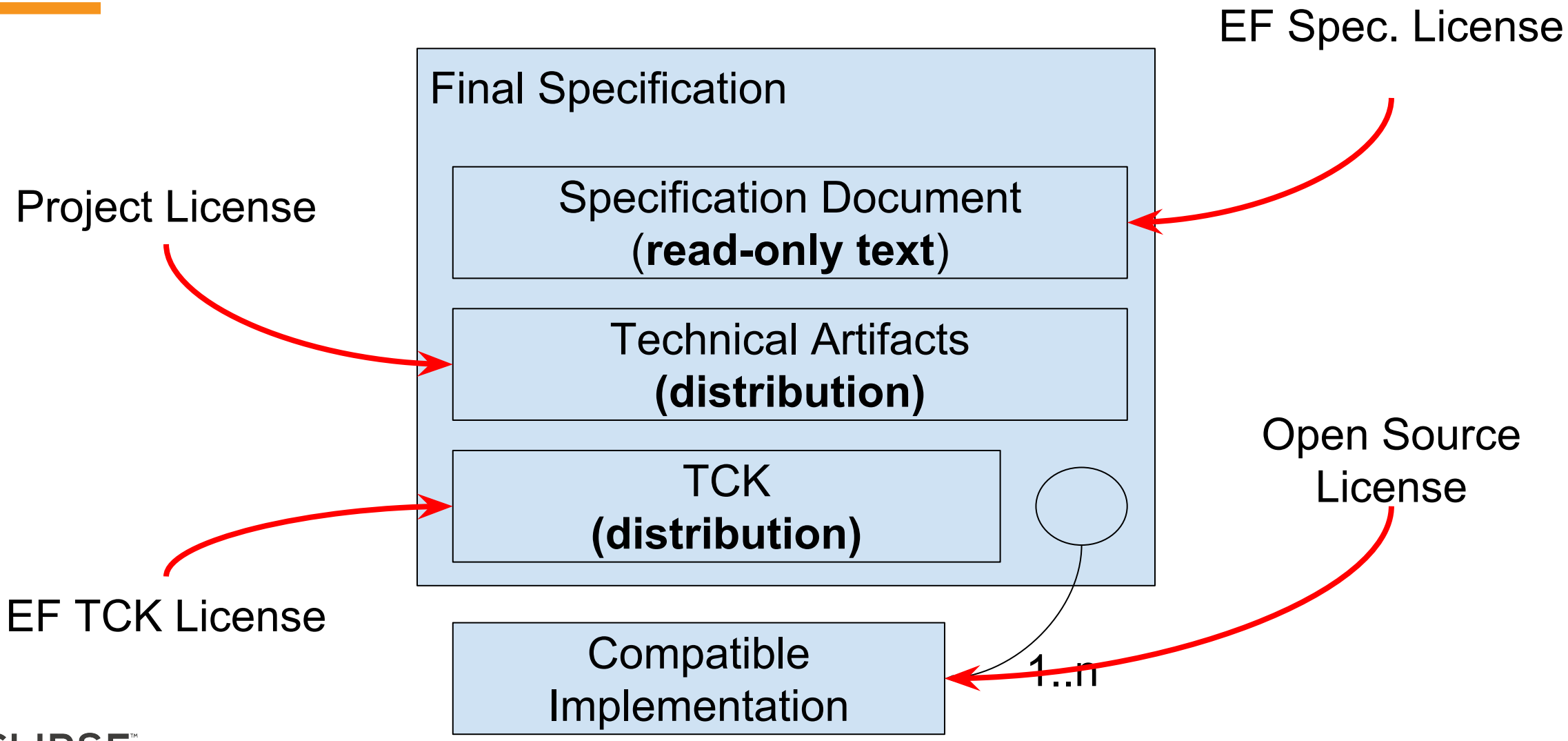
EFSP = “Eclipse Foundation Specification Process”

- Template to be used by any working group that wants to implement a spec process
- e.g. Sparkplug, Jakarta EE

JESP = “Jakarta EE Specification Process”

- Specialization of EFSP by the Jakarta EE Working Group
- Still under discussion
- Example change: specifying a longer review period for each vote

Final Specification



Specification Licenses

- Eclipse Foundation Specification License
  - Allows implementers to create implementations of the spec under whatever license they would like
- Eclipse Foundation TCK 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)

Specification Licenses

Defines compatibility
$0

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Permits use of logo
Must be a member of Jakarta EE, but no license fee

Self Certification

"Compatible Implementation"

- Implements a Final Specification
- Fulfills all of the requirements of the Ratified TCK
- Must publicly post TCK results

Brand

- Compatible Implementations of Profiles
- Eclipse Foundation Trademark License
- Must be an Eclipse Foundation Member
  - *…..but no license fees or royalties*

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Thank You!
Any Questions?

www.eclipse.org

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