What you need to know about Jakarta EE

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Mike Milinkovich, Eclipse Foundation
Paul Buck, Eclipse Foundation
Will Lyons, Oracle
An Industry Consortium

- Builds the community
- Approves Specifications
- Drives the Jakarta EE brand
- Establishes the technical roadmap
- Ensures compatibility
Strategic Members

Participating Members
Jakarta EE at the Eclipse Foundation

- **Projects**: 39
- **New Committers**: ~160
- **Git Repositories**: 99
- **Build Pipelines**: 53
Community Engagement

- jakarta.ee-community@eclipse.org
- Jakarta Tech Talks
- Monthly Jakarta EE Update calls
- Monthly email updates (new this month!)
- Ad hoc town halls
- Blog aggregator on jakarta.ee
- Deep technical discussions on future of the platform at jakarta-platform-dev@eclipse.org
Progress Summary

> Code and TCKs contributed
  • Builds running on EF infra
> Eclipse GlassFish 5.1 Java EE 8 certified
  • GlassFish certification running on EF infra
> Eclipse Foundation Specification Process (EFSP) delivered: EFSP v1.1
> Jakarta EE SP (based on EFSP) delivered: JESP v1.0
> 2019 Jakarta EE Developer Survey is published
What will be Jakarta EE 8?

Jakarta EE 8 specifications will:

- Be fully compatible with Java EE 8 specifications
- Include the same APIs and Javadoc using the javax namespace
- Provide Jakarta EE 8 TCKs based on, and fully compatible with, the Java EE 8 TCKs.
- Include a Jakarta EE 8 Platform specification with the same platform integration requirements as the Java EE 8 Platform specification.
- Reference multiple compatible implementations of the Jakarta EE 8 Platform.
- Provide a compatibility and branding process for demonstrating that implementations are Jakarta EE 8 compatible.

Jakarta EE 8 will NOT break existing Java EE applications that rely upon javax APIs
Latest News

Jakarta EE Rights to Java Trademarks

- *The javax package namespace cannot be evolved by the Jakarta EE*
- *Java trademarks such as the existing specification names cannot be used by Jakarta EE specifications*

What does this mean?

- No modification to the javax package namespace is permitted within Jakarta EE.
- Jakarta EE component specifications using the javax package namespace may not be part of future Jakarta EE Platform specifications.
- Specification names must be changed

Please refer to Mike Milinkovich’s blog on [jakarta.ee](https://jakarta.ee) for details
TL;DR

“Jakarta EE 8 will NOT break existing Java EE 8 applications that rely upon javax APIs”

See Mike’s blog from this morning for more details!
Jakarta EE 8 Specification Projects

API Contribution

Create Specification Documents

Names and Scope

Restructuring Review

Release Review

Jakarta EE 8
JCP Members - Help Required

- Java EE specifications will be evolved at the Eclipse Foundation under the new Jakarta EE Specification Process
- As part of transferring these specifications to the Eclipse Foundation we must request copyright licenses from all past contributors to Java EE specifications under the JCP
- We are reaching out to all companies and individual contributors to Java EE specifications. Our ask is simple:
  - Execute the copyright license agreement and return it to the Foundation
  - We have kept the agreement as short and as simple as possible
- We are counting on the JCP community to be supportive of this request
- Oracle and IBM have licensed their contributions to Java EE specification
What’s Next?

- **Eclipse GlassFish 5.X** ➔ **Jakarta EE 9**
- **Eclipse GlassFish 5.2** ➔ **Jakarta EE 8**
- **Eclipse GlassFish 5.1** ➔ **Java EE 8**
- **GlassFish 5.0** ➔ **Java EE 8**

**Sources, TCKs, Docs**
What’s Next?

- **Eclipse GlassFish 5.1** → **Java EE 8**
  - Sources, TCKs, Docs
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- **Eclipse GlassFish 5.X** → **Jakarta EE 9**
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- **javax namespace**
- **New process**
- **New licensing**
- **New logo**
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- New namespace
- Java SE 11
- Removal of deprecated specs
- ....maybe more

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Join the conversation at jarkata-platform-dev@eclipse.org
Jakarta EE 9
Community Wishlist

> CDI Alignment
> Modularity
> MicroProfile, Microservices
> Cloud-native deployments
> Reactive streams
> Java 11
Get Involved

- Become an Eclipse Foundation Member
- Join the Jakarta EE Working Group
- Participate in open source, Cloud Native Java
THANK YOU!

jakarta.ee

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