Jakarta EE: Community Power and Progress

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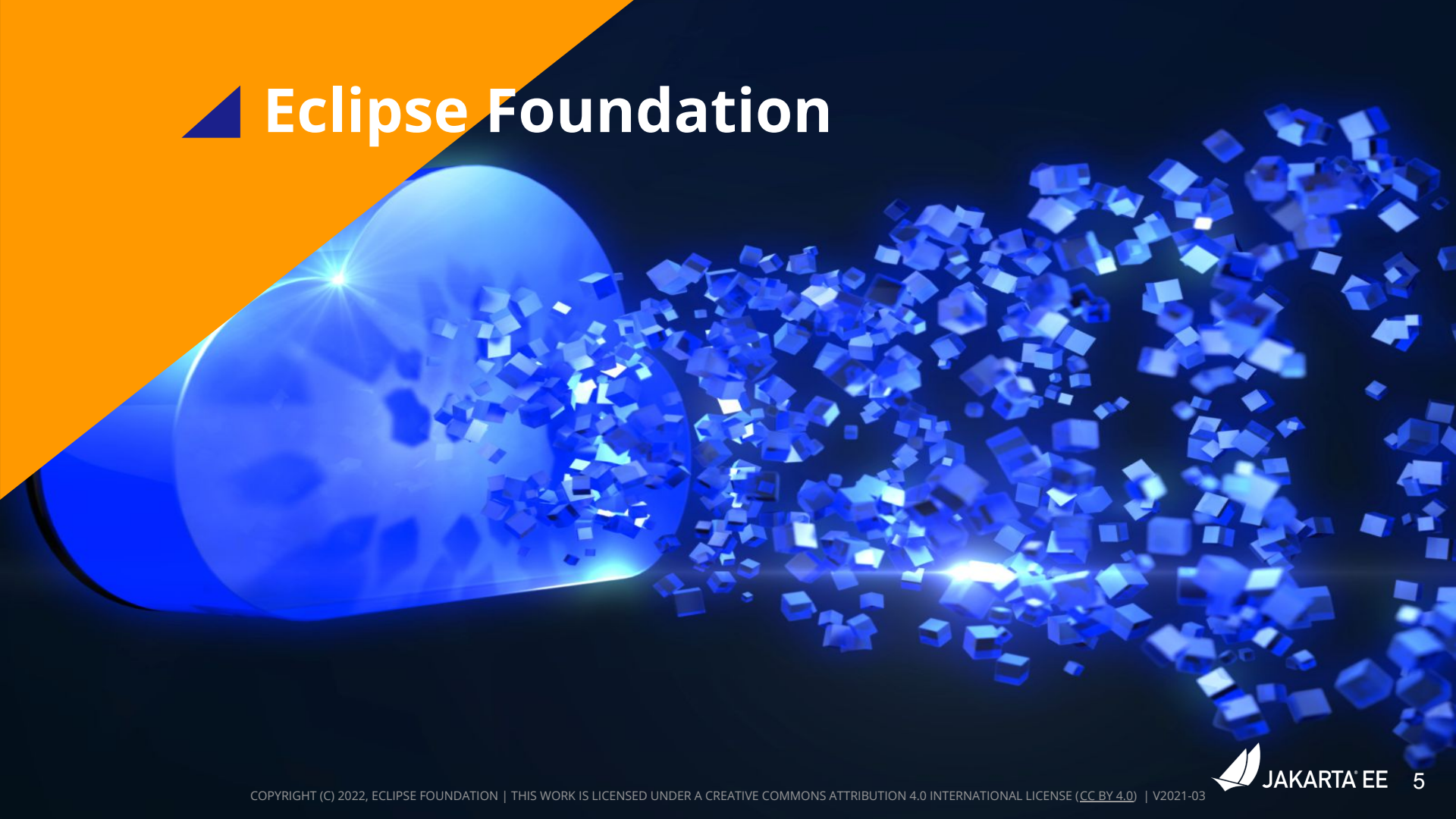# Community: Java EE and Jakarta EE

JCP - > Java EE

JESP -> Jakarta EE

JAKARTA EE

Eclipse Foundation

JAKARTA® EE

Eclipse Foundation by the Numbers

www.eclipse.org

415+	320+	1750+	332M+	40+	20+
Projects	Members	Committers	Lines of Code	Professional Staff	Working Groups

JAKARTA EE

Jakarta EE Working Group

Jakarta EE Working Group
An Industry Consortium

Builds the community

Approves Specifications

Drives the Jakarta EE brand

Establishes the technical roadmap

Ensures compatibility

JAKARTA EE

Jakarta EE at the Eclipse Foundation

www.jakarta.ee

25	**~175**	**55**	**154**	**~76M**
(35% Growth from 2021)		(18% Growth from 2021)		(18% Growth from 2021)
Member Organizations	Committers	Open Source Projects	Git Repositories	Lines of Codes

JAKARTA EE

What's New?

JAKARTA EE

What's New - Jakarta EE Overview

- Three **successful releases** and [Jakarta EE 10](#) on its way as a major new release!

- A series of **webinars, talks,** and popular **JakartaOne Livestreams**

- Growing list of **Jakarta EE compatible implementations**!

- Growing list of **Jakarta EE members**!

- A community-driven vision with the **new Jakarta EE projects and specifications**

JAKARTA EE

Jakarta EE Releases

Jakarta EE to Date!

Jakarta EE 10 — Jakarta EE Core Profile, independent individual specification development

Jakarta EE 9.1 — Java SE 11 Multiple Compatible implementations available on the release date

Jakarta EE 9 — New *jakarta* namespace Java SE 8 Removal of deprecated specs

Jakarta EE 8 — javax namespace, New process, New licensing New logo

Java EE 8 — Eclipse Foundation infrastructure

Java EE 8 — Sources, TCKs, Docs — Oracle infrastructure & JCP process

Jakarta EE Members and Compatible Products

Backed by Java Industry Leaders

Strategic Members	Participating Members	Enterprise Members
FUJITSU, ORACLE, IBM, Tomitribe join the tribe, payara	THUNISOFT 华宇, Pivotal, Liferay, TmaxSoft, Vsettan 华胜信泰, iJUG Verbund, Apusic 固若长城 睿比世界, vmware, BES 宝兰德 BESSYSTEM, 東方通 TongTech, w:// webtide, jadeva GmbH a small step for your team – a big step for your company!, LJC, AsiaInfo 亚信科技, OMNI FISH	PRIMETON 普元, INFORS 中创中间件, Red Hat, Microsoft
		Guest Members
		APACHE SOFTWARE FOUNDATION apache.org, ISTANBUL Java User Group, SOU Java sociedade de usuários java

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Jakarta EE Compatible Products

https://jakarta.ee/compatibility/

List of Compatible Products by Releases

[Jakarta EE 10 Compatible Products](#)

[Jakarta EE 9.1 Compatible Products](#)

[Jakarta EE 9 Compatible Products](#)

[Jakarta EE 8 Compatible Products](#)

Compatible Products list is continuously growing!

2021 Jakarta EE Compatible Products
Total of 23 Platforms and 14 Web Profiles
14 Jakarta EE 8 platform compatible products and 6 Jakarta EE 8 web profiles 3 Jakarta EE 9 platform compatible products and 4 Jakarta EE 9 web profiles 5 Jakarta EE 9.1 platform compatible products and 4 Jakarta EE 9.1 web profiles

2022 Jakarta EE Compatible Products
Total of 33 Platforms and 14 Web Profiles
18 Jakarta EE 8 platform compatible products and 6 Jakarta EE 8 web profiles 6 Jakarta EE 9 platform compatible products and 4 Jakarta EE 9 web profiles 9 Jakarta EE 9.1 platform compatible products and 4 Jakarta EE 9.1 web profiles

Note: the 2022 table lists the Jakarta EE compatible products as of end of Q2

Jakarta EE 9

JAKARTA EE

Jakarta EE 9

https://jakarta.ee/release/9

Released in fall 2020

- Move to *jakarta* namespace (referred to as the "big bang" approach);

- No new specifications, apart from specifications pruned from Java SE 8 where appropriate; And Java SE 8 support.

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Jakarta EE 9

Lower Entry Barriers

Platform for Innovation

Easy Migration

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Jakarta EE 9 Specifications

JAKARTA ONE
● LIVESTREAM

Jakarta EE 9 Platform

Concurrency 2.1	
Authorization 2.0	
Activation 2.0	
XML Binding 3.0 *	**Batch 2.0**
Enterprise Web Services 2.0 *	**Connectors 2.0**
XML Web Services 3.0 *	**Mail 2.0**
Web Services Metadata 3.0 *	**Messaging 3.0**
SOAP with Attachments 2.0 *	**Enterprise Beans 4.0**

Jakarta EE 9 Web Profile

Authentication 2.1	**Server Pages 3.0**	**Persistence 3.0**
CDI 3.1	**WebSocket 2.0**	**Restful Web Services 3.0**
Expression Language 4.0	**Bean Validation 3.0**	**JSON Processing 2.0**
Faces 3.1	**Debugging Support 2.0**	**JSON Binding 2.0**
Security 2.1	**Enterprise Beans Lite 4.0**	**Annotations 2.0**
Servlet 5.0	**Managed Beans 2.0**	**Interceptors 2.0**
Standard Tag Libraries 2.1	**Transactions 2.0**	**Dependency Injections 2.0**

* Optional

12

Jakarta EE 9.1: A Platform for Innovation

https://jakarta.ee/release/9.1/
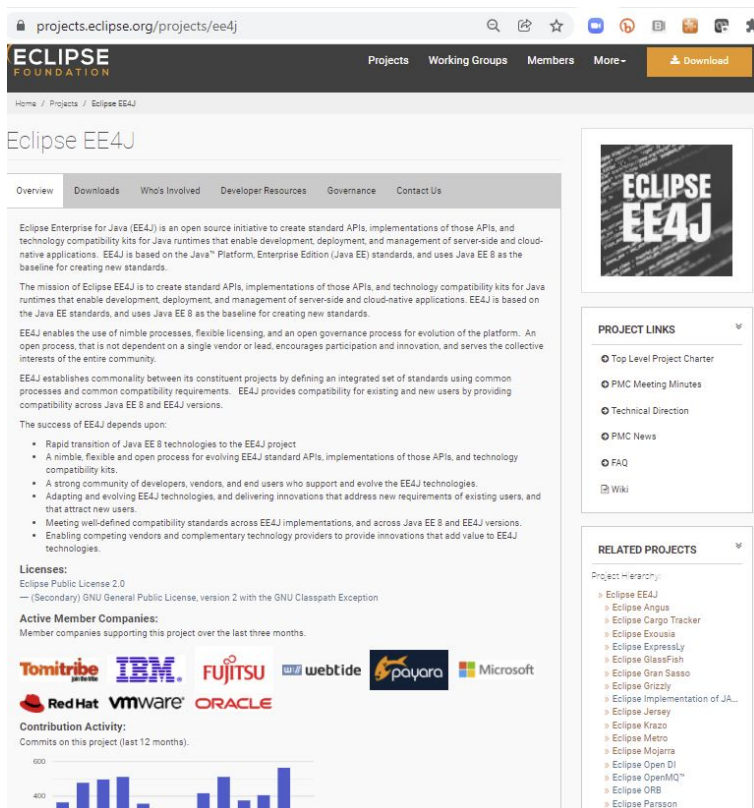
Jakarta EE 9.1 Release includes:

- Java SE 11 support
- Multiple compatible implementations used for the ratification of the final specs!
  - compatibility certification request for Jakarta EE 9.1 release

JAKARTA EE
Jakarta EE 9.1
Java SE 11

Lower Entry Barriers

Platform for Innovation

Easy Migration

Open Liberty

Eclipse GlassFish
Eclipse Foundation

Apache TomEE

WildFly
Red Hat

ManageFish

JAKARTA EE

EE4J new projects emerging

Eclipse Exousia, 2021-04-21

Eclipse Parsson, 2021-06-03

Eclipse Angus, 2021-07-14

Eclipse Open DI, 2021-11-03

Eclipse Gran Sasso, 2021-12-07

Eclipse ExpresLy, 2022-01-12

Jakarta Config, 2021-06-03

Jakarta RPC, 2022-01-19

Jakarta Data, proposal

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Jakarta EE 10

New Release!

JAKARTA EE 10

OPEN, COMMUNITY-DRIVEN INNOVATION
DEFINING THE FUTURE OF CLOUD NATIVE
JAVA TECHNOLOGIES

Community Driven

Modernized   **Simplified**   **Lightweight**

https://jakarta.ee/release/10/

Jakarta EE 10: Open community-driven Innovation for driving the future of Cloud Native Java technologies

https://jakarta.ee/release/10/

MODERNIZED

The Jakarta EE 10 release provides new functionality in over 20 component specifications.

This release enables builders of modern cloud native Java applications to develop and deploy Jakarta EE 10 applications on Java SE 11 as well as Java SE 17, the most current LTS release of Java SE. This allows developers to take full advantage of new features including the modular system introduced in Java SE 9 and supported in Java SE 11

SIMPLIFIED

With Jakarta EE 10, application development is made simpler by supporting the broader use of additional annotations

This makes it easier to build modularized applications and offers improved integration across component APIs. Ultimately, Jakarta EE 10 helps developers more easily implement applications with modern security requirements, remove deprecated APIs, and maintain high levels of compatibility with prior Jakarta EE releases.

LIGHTWEIGHT

Jakarta EE 10 defines a new profile specification with Jakarta EE Core Profile 10. The "Core Profile" enables the development of lightweight and modernized Java applications.

The new Core Profile provides a subset of Jakarta EE specifications that target smaller runtimes suitable for microservices development with lightweight runtimes.This includes an innovative new CDI-Lite specification for building lightweight Jakarta EE applications.

JAKARTA EE

Jakarta EE 10 Specifications

Jakarta EE 10 Specifications

JAKARTA EE 10 PLATFORM

JAKARTA EE 10 WEB PROFILE

JAKARTA EE 10 CORE PROFILE

	Expression Language 5.0	Server Pages 3.1	
Authorization 2.1	Authentication 3.0	CDI 4.0	CDI Lite 4.0
Activation 2.1	Concurrency 3.0	WebSocket 2.1	JSON Binding 3.0
Batch 2.1	Persistence 3.1	Bean Validation 3.0	Annotations 2.1
Connectors 2.1	Faces 4.0	Debugging Support 2.0	Interceptors 2.1
Mail 2.1	Security 3.0	Enterprise Beans Lite 4.0	RESTful Web Services 3.1
Messaging 3.1	Servlet 6.0	Managed Beans 2.0	JSON Processing 2.1
Enterprise Beans 4.0	Standard Tag Libraries 3.0	Transactions 2.0	Dependency Injection 2.0

Updated · **Not Updated** · **New**

Why get involved?

Why Developers Should Get Involved!

Advance YOUR Career!

Learn from the BEST!

Experience

Recognition

Flexibility

Impact

JAKARTA EE

What can you help with?

- **Marketing and Promotional work**

- **Technical Work**

- **Collateral work**

How to get involved?

Get Involved with Jakarta EE !

https://jakarta.ee/community/get-involved/

Become a Committer

Jakarta EE contributors are eligible to become committers. Becoming a committer can happen in a couple of ways: 1) For existing Jakarta EE projects, it happens through an election! After you have made contributions that demonstrate that you understand how the open source project works, a current committer on that project will initiate an election. Current committers must vote in the election; so creating a public record of high quality contributions that committers (and the community) can review is the most important part of this entire process. 2) Another option is to become a committer of a new Jakarta EE Specification project, by making initial contributions. The corresponding Project Management Committee (PMC) of the project nominates an initial set of committers for approval by the Executive Director (or his delegates).

If your employer is a member of the Jakarta EE Working Group, they've already signed the necessary paperwork and there is no paperwork for you to complete.

If your employer is not a member of the Jakarta EE Working Group, you will need to complete the following forms:

Jakarta EE Working Group Individual Participation Agreement

Employer Consent Agreement for Eclipse Foundation Specification Projects

How to Contribute

Select a Jakarta EE project of interest, join the project's mailing list and start communicating with the team.

Before starting to contribute, you need to make sure your paperwork is in order. When contributing as an individual, login to your EF account and sign the Eclipse Contributor Agreement. You can then work with the project team to contribute your work. Visit the Eclipse Contributor Agreement page to learn more about the agreement. However, in the case your employer is already a member of the Jakarta EE Working Group, your employer has a Member Committer and Contributor Agreement in place that covers all their employees who are contributing, and you do not need to do anything!

Login to your EF account

How to contribute to

JAKARTA EE

All you need to start with:

Eclipse Contributor Agreement

- ## That's all and it is free!

Stay Connected!

Jakarta EE Community Mailing List

jakarta.ee-community is the mailing list for Jakarta EE community discussions. Subscribe to this list for all things Jakarta EE.

Subscribe

Jakarta EE Working Group Mailing List

jakarta.ee-wg is the mailing list for the Jakarta EE Working Group. Subscribe to this list to share general information regarding Jakarta EE.

Subscribe

Project Mailing Lists

Want to get involved? Sign up to the Jakarta EE project mailing lists here.

Mailing Lists

Slack

Join the conversations on Jakarta EE slack workspace and see what the community members are up to.

Join

Updates

Receive updates from the Eclipse Foundation on Jakarta EE and other Eclipse projects, events and community announcements.

Edit Preferences   - Or -   Create Account

Newsletter

With a Jakarta EE-themed edition released each quarter, the Eclipse Foundation Community Newsletter is your destination for original articles about projects and key technologies.

Subscribe   View Archives

Jakarta EE Community Calendar

Join the Jakarta EE Community Calendar to learn more about Jakarta EE-related plans.

Subscribe

Community Folder

Our public Community Folder features promotional resources and slides from past update calls and other community meetings.

View

Tech Talks Meet-Ups

Jakarta Tech Talks are both conference based and virtual webinars dedicated to the discussion and discovery of any cloud native java projects, microservices projects, and technologies.

Tech Talks   Sign Up to Host

Jakarta EE Specifications Calendar

Jakarta EE Specifications Calendar lists meetings dedicated to different Jakarta EE Specifications. Subscribe to the Jakarta EE Specifications Calendar to learn more about Specification-related plans.

Calendar

https://jakarta.ee/connect/

JAKARTA EE

Be part of the Community!

Adopt a Spec
- Learn about the Adopt a Spec Program

Events
- Find the latest Cloud Native Java Events

JakartaOne Livestream
- Find the latest JakartaOne Livestream
- Find out how to host a JakartaOne Livestream in your own language

Stay Connected
- Find the Communication Channels

Tech Talk Meet-Ups
- Find the latest Jakarta Tech Talk
- Sign up to host a talk

Videos
- Watch the latest videos
- Subscribe to our Youtube channel

https://jakarta.ee/community

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Follow us on social channels!

JAKARTA EE

JakartaOne Livestream in 2022

JakartaOne Livestream 2022

https://jakartaone.org

JakartaOne Livestream - German- June 30

https://jakartaone.org/2022/german/

JakartaOne Livestream - Chinese- August 31

https://jakartaone.org/2022/chinese/

JakartaOne Livestream - Japanese- September 16

https://jakartaone.org/2022/japan/

JakartaOne Livestream - Portuguese - September 29

https://jakartaone.org/2022/portuguese/

JakartaOne Livestream 2022
December 6

https://jakartaone.org/2022/
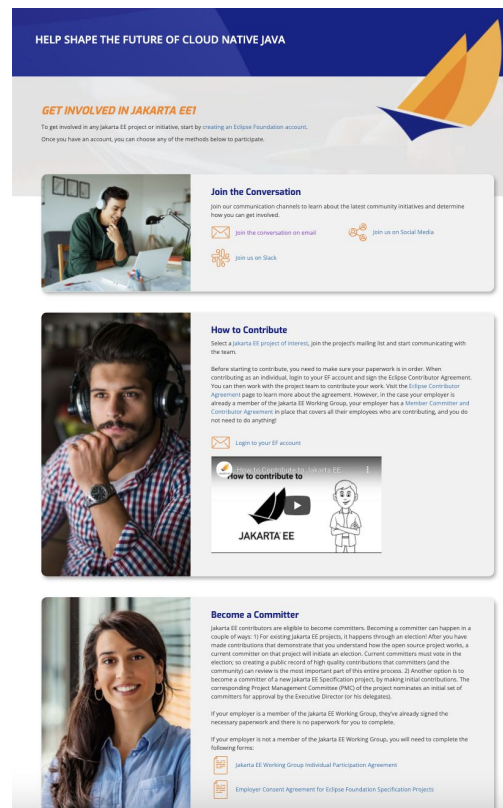
JAKARTA EE

Highlighting Our Community

Grow & Reward Committers and Contributors

- Promote **new contributors** on socials Facebook, Twitter and LinkedIn, and on the community news section of the Jakarta EE website.

- Congratulate **newly elected committers** on socials Twitter, LinkedIn and Facebook and also on the community news section of the Jakarta EE website.

- Recognize **the most prolific committers/contributors** to coincide with the JakartaOne Livestream

- Feature and promote one **Jakarta EE Committer's profile** per quarter on the Eclipse Foundation Community Newsletter

Learn more: https://jakarta.ee/community/get-involved/

Recognizing New Contributors and Committers

Top 3 Eclipse GlassFish Contributors

1	Lukas Jungmann
2	Piotrek Zygielo
3	Arjan Tijms

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Top 3 Jakarta EE Specification Contributors

1	Scott M Stark
2	Lukas Jungmann
3	Scott Kurz

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Top 3 Jakarta EE TCK Contributors

1	Gurunandan Rao
2	Alwin Joseph
3	Scott Marlow

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Top 3 Newcomer Jakarta EE Specification Contributors

1	Petr Aubrecht
2	Andrew Rouse
3	Manfred Riem

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Join Jakarta EE Working Group

Join Jakarta EE Working Group!

https://jakarta.ee/membership/

Join the Jakarta EE Working Group

Any individual or organization with an interest in advancing Jakarta EE can join the Jakarta EE Working Group.

Review the Jakarta EE Working Group Charter, then contact us.

For more information, explore the Jakarta EE website.

https://jakarta.ee/about/working-group/

JAKARTA EE

THANK YOU!

JAKARTA EE

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