

Jakarta EE: Community Power and Progress

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Community: Java EE and Jakarta EE

JCP -> Java EE

JESP -> Jakarta EE





Eclipse Foundation





Eclipse Foundation by the Numbers

www.eclipse.org

415+

Projects

320+

Members

1750+

Committers

332M+

Lines of
Code

40+

Professional
Staff

20+

Working
Groups



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 at the Eclipse Foundation

www.jakarta.ee

25

(35% Growth
from 2021)

Member
Organizations

~175

Committers

55

(18% Growth
from 2021)

Open Source
Projects

154

Git
Repositories

~76M

(18% Growth from
2021)

Lines of Codes



What's New?



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 Releases

Jakarta EE to Date!





Jakarta EE Members and Compatible Products



Backed by Java Industry Leaders

Strategic Members



Participating Members



Enterprise Members



Guest Members



Jakarta EE Compatible Products



<https://jakarta.ee/compatibility/>



ORACLE
WebLogic Server



华宇应用服务器
Thunisoft Application Server

Tmax
JEUS
Web Application Server

INFORS 中创中间件®

TongWeb 東方通 TongTech®



WildFly

Red Hat
JBoss Enterprise Application Platform



AISWare FlyingServer
亚信Web应用中间件



Primeton®
AppServer

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 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.



Jakarta EE 9 Specifications



Jakarta EE 9 Platform



* Optional

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](#)



EE4J new projects emerging

The screenshot shows the Eclipse EE4J project page. At the top, there's a navigation bar with links for Projects, Working Groups, Members, More, and Download. Below the navigation is a breadcrumb trail: Home / Projects / Eclipse EE4J. The main content area has a header "Eclipse EE4J". It includes sections for Overview, Downloads, Who's Involved, Developer Resources, Governance, and Contact Us. A large central image features the text "ECLIPSE EE4J" over a background of Java code. To the right, there's a sidebar titled "PROJECT LINKS" with links to Top Level Project Charter, PMC Meeting Minutes, Technical Direction, PMC News, FAQ, and Wiki. Another sidebar titled "RELATED PROJECTS" lists various Eclipse projects like Eclipse EE4J, Eclipse Angus, Eclipse Open DI, Eclipse Exousia, Eclipse Expressly, etc. At the bottom, there's a section for "Contribution Activity" showing a bar chart of commits over the last 12 months, and logos for Tomitribe, IBM, Fujitsu, webtide, payara, Microsoft, Red Hat, VMware, and Oracle.

Eclipse Enterprise for Java (EE4J) is an open source initiative to create standard APIs, implementations of those APIs, and technology compatibility kits for Java runtimes that enable development, deployment, and management of server-side and cloud-native applications. EE4J is based on the baseline for creating new standards.

The mission of Eclipse EE4J is to create standard APIs, implementations of those APIs, and technology compatibility kits for Java runtimes that enable development, deployment, and management of server-side and cloud-native applications. EE4J is based on the Java EE standards, and uses Java EE 8 as the baseline for creating new standards.

EE4J enables the use of nimble processes, flexible licensing, and an open governance process for evolution of the platform. An open process, that is not dependent on a single vendor or lead, encourages participation and innovation, and serves the collective interests of the entire community.

EE4J establishes commonality between its constituent projects by defining an integrated set of standards using common processes and common compatibility requirements. EE4J provides compatibility for existing and new users by providing compatibility across Java EE 8 and EE4J versions.

The success of EE4J depends upon:

- Rapid transition of Java EE technologies to the EE4J project
- A nimble, flexible and open process for evolving EE4J standard APIs, implementation of those APIs, and technology compatibility kits
- A strong community of developers, vendors, and end users who support and evolve the EE4J technologies.
- Adapting and evolving EE4J technologies, and delivering innovations that address new requirements of existing users, and attract new users.
- Meeting well-defined compatibility standards across EE4J implementations, and across Java EE 8 and EE4J versions.
- Enabling competing vendors and complementary technology providers to provide innovations that add value to EE4J technologies.

Licenses:
Eclipse Public License 2.0
— (Secondary) GNU General Public License, version 2 with the GNU Classpath Exception

Active Member Companies:
Member companies supporting this project over the last three months.

Contribution Activity:
Commits on this project (last 12 months).

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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

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 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!



Experience



Recognition

Advance YOUR Career!



Flexibility



Impact

Learn from the BEST!



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/>

The screenshot shows the 'Get Involved' page of the Jakarta EE website. On the left, there's a large photo of a woman with long dark hair, smiling. To her right is a section titled 'Become a Committer' which contains text about becoming a committer through election or nomination, and links to 'jakarta.ee Working Group Individual Participation Agreement' and 'Employer Consent Agreement for Eclipse Foundation Specification Projects'. Below this is another section titled 'How to Contribute' with a link to 'Login to your EF account'. At the bottom, there's a small box with the text 'How to contribute to JAKARTA EE' and an illustration of a person.

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/>

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>

Follow us on social channels!



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/>

▲ 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/>

The image displays three vertical panels from the Jakarta EE website's 'Get Involved' page. The top panel features a blue header with the text 'HELP SHAPE THE FUTURE OF CLOUD NATIVE JAVA' and a yellow sailboat graphic. It includes sections for 'GET INVOLVED IN JAKARTA EE!' and 'Join the Conversation'. The middle panel shows a man in a green shirt working at a desk, with options to 'join the conversation on email', 'join us on Slack', and 'join us on Social Media'. The bottom panel shows a man in a plaid shirt with headphones, with sections for 'How to Contribute' and 'Become a Committer'. Each panel includes small text about the requirements for each role.

HELP SHAPE THE FUTURE OF CLOUD NATIVE JAVA

GET INVOLVED IN JAKARTA EE!

To get involved in a jakarta EE project or initiative, start by creating an Eclipse Foundation account. Once you have an account, you can choose any of the methods below to participate.

Join the Conversation

join our communication channels to learn about the latest community initiatives and determine how you can get involved.

join the conversation on email | join us on Slack | join us on Social Media

How to Contribute

Select a jakarta EE project of interest, join the projects mailing list and start communicating with the team.

Before starting to contribute, you need to make sure your paperwork is in order. When contributing on an individual, login to your EPP account and sign the Eclipse Contributor Agreement. If you are contributing on behalf of your employer, you will need to sign the Eclipse Employment Agreement prior to learning 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 Committer Agreements in place that covers all their employees who are contributing, and you do not need to do anything.

Log in to your EPP account | How to contribute to JAKARTA EE

Become a Committer

Jakarta EE contributors are eligible to become committers. Becoming a committer can happen in a couple of ways. If you are a jakarta EE project, it happens through an election. After you have demonstrated that you understand how to run open source projects well, a current committee on that project will initiate an election. Current committers must vote in the election. The election process is defined in the Eclipse Contribution Guidelines. Another way a community can review who 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 specification project will then have a nomination period where jakarta EE Working Group members can nominate individuals to become committers. These individuals must then go through a formal review and approval process 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

Recognizing New Contributors and Committers

Top 3 Eclipse GlassFish Contributors

- 1 Lukas Jungmann
- 2 Piotrek Zygielo
- 3 Arjan Tijms



Top 3 Jakarta EE TCK Contributors

- 1 Gurunandan Rao
- 2 Alwin Joseph
- 3 Scott Marlow



Top 3 Jakarta EE Specification Contributors

- 1 Scott M Stark
- 2 Lukas Jungmann
- 3 Scott Kurz



Top 3 Newcomer Jakarta EE Specification Contributors

- 1 Petr Aubrecht
- 2 Andrew Rouse
- 3 Manfred Riem





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/>



THANK YOU!



JAKARTA EE

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