Help Shape The Cloud Native Future Of Jakarta EE

The stakeholders of the Jakarta EE community are committed to a cloud native future for the platform.

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Source survey: Jakarta EE Developer Survey 2023

Top Five Jakarta EE community priorities:

A. Despite only shipping in September 2022, Jakarta EE 10 usage has grown to 17%.
   This community driven innovation release is attracting an increasing number of application developers to adopt Jakarta EE 10 by offering new features and updates to Jakarta EE.

B. 17% of respondents ran Jakarta EE 9/9.1 in production (up from 15% in 2022) and 8% of respondents have currently ran Jakarta EE 8 in production (vs. 9% in 2022).

That means the increase we are seeing in the adoption of Jakarta EE on mainly due to the adoption of Jakarta EE 10 compared to Jakarta EE 9/9.1 or Jakarta EE 8.

While the first 2 community priorities remain consistent from 2022 to 2023, we are seeing an increased interest in adopting innovations from Java SE into Jakarta EE.

This is a good indicator that Jakarta EE 11 release plan is on the right direction by adopting new Java SE 21 features.

Use of Java 17 (the LTS release of Java SE) has increased to 26% (up from 26% in 2022). Java 11 use decreased from 57% in 2022 to 50% in 2023. This is a good indicator that enterprises closely follow the LTS releases.

Top 5 Jakarta EE 10 features that respondents are interested in:

The top 5 runtimes/implementations being used:

Top three frameworks for building cloud native applications:

Spring/Spring Boot continues to be the leading Java framework for building cloud native applications (66%), with its share increasing 9% (up from 57% in 2022). Jakarta EE usage remains steady at 53%, while MicroProfile usage declined from 38% in 2022 to 36% in 2023.

Over 60% of respondents (59% in 2022) have already regressed to Jakarta EE, or plan to do so within the next 6-24 months.

Top Five Jakarta EE community priorities:

1. Top priority: Better support for Jakarta EE 10

2. 2nd priority: Better support for Jakarta EE 9/9.1

3. 3rd priority: Better support for Jakarta EE 8

4. 4th priority: Support for microservice architectures

5. 5th priority: Support for地标 (the next generation of Jakarta EE)

The top 5 runtimes/implementations being used:

1. Apache Tomcat

2. Wildfly

3. Quarkus

4. InterFace Application server

5. Eclipse Jetty

Developer Survey Findings From 2023