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Jakarta Essentials



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Housekeeping

- The webinar is being recorded
- Q&A is at the end of the session
- Please type your questions in the Zoom Q&A box

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What is Jakarta?

- **Jakarta EE** is the latest version of the Java Enterprise framework
- Java EE has been renamed to **Jakarta EE**
- Liferay DXP is moving to Jakarta EE from the **2025.Q3** release



Why is Liferay moving to Jakarta EE?

- Support latest Application Servers (Tomcat 10.1, JBoss EAP 8.0, Weblogic 15*)
- Jakarta EE provides strong benefits including:
 - Enhanced features
 - Performance improvements
 - Updated security features
 - Better stability
 - Etc.
- **JBoss EAP 7.x** reached the end of Maintenance Support on **June 30th**



★ Weblogic 15 is expected later this year, but there is no confirmed release date yet

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What does this mean for you?

- Affects all customers upgrading to Liferay DXP **2025.Q3** or later
- **javax** namespace has been renamed to **jakarta**
- All custom Java code which uses Java packages must be updated
- Dependencies and imports using **javax** namespace must be changed to **jakarta** namespace
- Third-party libraries used must *also* be Jakarta compatible
- App Server used by Liferay must be Jakarta EE compliant





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Don't Panic!

What this is NOT

- Liferay 6.2 > 7.0
- Changes to Liferay DXP functionality
- Liferay's own idea

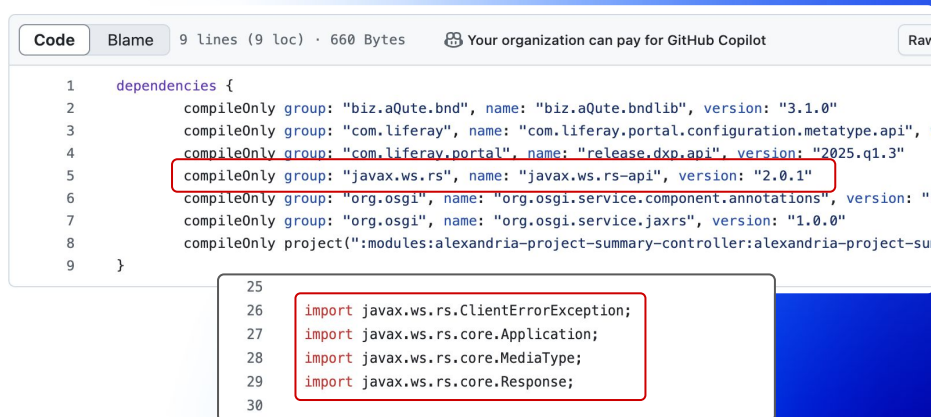
What this IS

- A big search/replace (98% of DXP codebase was nothing more)
- Some code dependencies changes
- Alignment with the Enterprise Java industry and ecosystem



What is Liferay doing?

- The Liferay DXP code has been fully converted to Jakarta
- Approx. 98% of this was just search/replace
- We're upgrading and migrating internal systems
- Our upgrades team is also working on upgrading some customer environments, including some with legacy versions
- And, we're introducing Jakarta-compatible *supported* versions of PortletMVC4Spring and JSF/Liferay Faces



```
Code Blame 9 lines (9 loc) · 660 Bytes Your organization can pay for GitHub Copilot Raw

1  dependencies {
2      compileOnly group: "biz.aQute.bnd", name: "biz.aQute.bndlib", version: "3.1.0"
3      compileOnly group: "com.liferay", name: "com.liferay.portal.configuration.metatype.api", v
4      compileOnly group: "com.liferay.portal", name: "release.dxp.api", version: "2025.q1.3"
5      compileOnly group: "javax.ws.rs", name: "javax.ws.rs-api", version: "2.0.1"
6      compileOnly group: "org.osgi", name: "org.osgi.service.component.annotations", version: "1
7      compileOnly group: "org.osgi", name: "org.osgi.service.jaxrs", version: "1.0.0"
8      compileOnly project(":modules:alexandria-project-summary-controller:alexandria-project-sum
9  }
```

```
25
26  import javax.ws.rs.ClientErrorException;
27  import javax.ws.rs.core.Application;
28  import javax.ws.rs.core.MediaType;
29  import javax.ws.rs.core.Response;
30
```

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What Liferay is doing for you!

- **Blade/Workspace** tool to:
 - Convert custom code from **javax** to **jakarta**
 - Portlet 4.0 conversion
 - Leverage Liferay-specific conversion mapping
- **Eclipse Transformer** to:
 - Convert 3rd party library JARs from **javax** to **jakarta**
- Liferay **Database Upgrade** to:
 - Update javax references in DB tables (e.g. Freemarker)
- Detailed FAQ - [Available now on Learn!](#)
- **Other Resources** (coming soon!)
 - Migration Checklist document
 - Online migration course
- All tools and resources are **free** and available for you to use



Timelines & Recommendations

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Timeline & Recommendations

**2025.Q1
LTS**

**Premium Support
Until Feb 19, 2028**

Recommended if:
**Customers who need
more time to plan for
migration**

2025.Q2

2025.Q3

**First Jakarta
Release - Sept 3rd**

Recommended *if*:
**Using JBoss EAP 7
and
Cannot wait until
2026.Q1**

2025.Q4

**2026.Q1
LTS**

**Premium Support
Until Q1 2029**

Recommended for:
Most Existing Customers

Questions?

Now: Q&A box

Later:

jakarta-questions@liferay.com

<https://learn.liferay.com/w/reference/jakarta-2025-faq>



Thank you.