



OSGi Working Group Program Plan

2023

Purpose

As adoption continues to take off, a shared and standardized definition is necessary to ensure stability and compatibility of the content.

Establishing that definition, in turn, will support future growth, including expanding OSGi to new runtimes and tools.

Our Current Mission

- To develop formal Specifications which include the specification documents, a TCK for each Specification, and at least one compatible Open Source implementation for each Specification.
- To provide an open, vendor-neutral forum and governance structure to collaborate on and advocate for the continued evolution and adoption of OSGi technology.

Strategic Goals

- > Produce new and updated authoritative specifications:
 - Cultivate consistent, robust, ubiquitous, and reusable specifications and
 - Ensure portability and interoperability of OSGi technology.
- > Target annual Specification releases.
- > Define the processes to implement the compliance program.
- > Support the community of OSGi users, contributors, and advocates.
- > Enlarge the community and the Working Group.
- > (Re)establish OSGi as leading authority on the principles of modularity, microservices, and SOA.
- > Foster OSGi as an easy to use framework on par with other popular Frameworks in regard to ease-of-use but with much broader possibilities.
- > Extend OSGi management beyond Java Virtual Machine.

Strategic Goals

Develop & Advocate

- Produce new and updated authoritative specifications.
- Cultivate consistent, robust, ubiquitous, and reusable specifications.
- Target annual Specification releases.
- Define the processes to implement the compliance program.
- Extend OSGi management beyond Java Virtual Machine.

Community Engagement

- Support the community of OSGi users, contributors, and advocates.
- (Re)establish OSGi as leading authority on the principles of modularity, microservices, and SOA.
- Foster OSGi as an easy to use framework on par with other popular Frameworks in regard to ease-of-use but with much broader possibilities.
- Enlarge the Community.
- Enlarge the Working Group.

Roadmap

Refinement

Improve the websites.
Develop next Release.

Growth

Increase membership of the Working Group, drawing from the community of OSGi users, integrators, and tool providers.

Onboard new projects and expand the scope of existing projects.

Establish a Marketing Team:

- Improve communication to the wider world;
- Marketing collaboration with established OSGi Projects; and
- Support and showcase OSGi adoption within the industry.

Community

Improve specifications to better support adopters.

Develop a compliance program for verifying compliant implementations of the specifications.

Establish guidelines for how to use OSGi effectively and efficiently also in the global software infrastructure.

Gather feedback of the Community about further requirements.

Conduct an OSGi Summit 2023 @EclipseCon,

Timeline

Q1

- Form Website PM Group
- Discuss OSGi Summit with Eclipse
- Collect supportive Quotes from Members and Users

Q3

- Write Specifications
- Organize OSGi Summit

Q2

- Compliance Program completed
- Support the F2F Meeting
- Compendium Release

Q4

- OSGi Summit
- Finalize Core and Compendium Release
- Review budget / fees for 2023
- Program Plan and Budget for 2024

Refinement Objectives

- Improve the websites.
- Develop next Release.

Growth Objectives

- Add 1-3 new Members to the Working Group.
- Onboard 3-5 new Committer Members to the projects.
- Establish membership engagement.
- Organize OSGi Summit at EclipseCon 2023
(community WG updates, highlight adoption within industry).
- Engage or collaborate with other Working Groups, e.g., IoT.
- Identify additional conferences at which to establish a presence at.
- (Re)establish cooperation with other consortias, e.g., UTA, IIC, etc.

Community Objectives

- Create an Examples Project with examples for each Specification:
 - Constructing Builds with different tools, e.g., Maven, Gradle, and bnd;
 - Provide templates and maven Archetypes if possible;
 - Templates for Contributors to provide more examples, e.g., Karaf, PDE/Tycho, or other OSGi aspects;
 - Fold enroute Content in this Project; and
 - Add examples for different Specifications.
- Conduct a F2F Meeting in Q2.
- Improve specifications to better support adopters.
- Develop a compliance program for verifying compliant implementations of the specifications.
- Establish guidelines for how to use OSGi effectively and efficiently also in the global software infrastructure.
- Gather feedback of the Community about further requirements.
- Conduct an OSGi Summit 2023 @EclipseCon.
- Improve outreach to other OSGi Tooling Projects.

OSGi Working Group