

2022 MicroProfile Program Plan Draft

MicroProfile Community



2022 Strategic Goals



- Deliver three MicroProfile releases
- Continue Jakarta EE collaboration through CN4J Alliance
- Strengthen the MicroProfile brand
- Grow the number of compatible MicroProfile implementations
- Encourage more innovation with new specifications
- Increase the number of MicroProfile Working Group members, Committers, and Opportunities for participation
- Maintain and grow community participation in Marketing
- Establish the MicroProfile champions program
- Perform quarterly review of program plan progress
- Formalize role and potential support for Committer Representative

Marketing Activities



- Create the MicroProfile Champions program to support/reward individuals and organizations educating, contributing, and pushing MicroProfile forward
- Individual component specification pages (see Jakarta specification pages for reference)
 - Include a list of working implementations with each MicroProfile release that can be used to try the new capabilities of that MicroProfile release, including examples that relate to the release
- Promote use cases showing how MicroProfile is adopted by various organizations
- Central location for promoting blogs, videos, products, etc that consume MicroProfile (highlight community content?)
- Empower the community with easily sharing their input via surveys and questionnaires
- Create a page with compatible implementations

Community Outreach Goals



- Continue with our open meetings, open communications, and meeting recordings process
 - Create and track key performance indicators (KPIs)
- Continue to encourage participation across the wider community via mailing list, google group, and tweets.
- Define and track metrics on community outreach
- Grow MicroProfile community
- Increase community participation
 - Create new or adopt existing content and approaches to facilitate first-time community contributions
 - Encourage individual component participation at the Specification level. Many components have their own “hangout” -- need to advertise these wider
- Evaluate Program Plan translations (Localization) ex. Spanish

Infrastructure/Website Goals

- Convert Groovy-based project pages to Github pages
- Increase specification metadata in website; versions, links to PDFs
- Collect external getting started guides, examples, into one dedicated section
- Greatly increase technical content available on website as a whole
 - More code on pages
- Create sitemap
- Explore alternatives to Jenkins, such as Github Actions

Technical Goals (1 of 2)



- Adopt jakarta.* (from javax.*) namespace across assets
- Align MicroProfile standalone specifications to Jakarta EE 9.1 (namespace)
- Tracing
 - Deprecate abandoned APIs by reworking the current MicroProfile OpenTracing
 - Adopt OpenTelemetry (merge between OpenTracing and OpenCensus)
- Metrics
 - Rework MicroProfile Metrics or create new spec to adopt new efforts around Monitoring (Micrometer)
- Evaluate new specifications
- Evaluate need for a Converters specification
- Evaluate need for a gRPC specification
- Evaluate standalone specifications
 - Remain standalone (ex: Reactive specs)
 - Join platform spec (ex: GraphQL)
 - Move to Jakarta (ex: Context Propagation)

Technical Goals (2 of 2)



- Evaluate adoption of Jakarta Core Profile
- Adoption of existing Jakarta EE specs
 - To be considered: Bean Validation inclusion in existing MicroProfile specifications (ex: OpenAPI, JWT)
- Consider data access specification
- Improve alignment with platforms and infrastructure for better end-user experience
 - Runtimes (JVM, MicroProfile Impl), evaluate moving code source to Java 11+
 - Containers, Orchestrators, Clouds etc

Specification Process



- Review EFSP 1.3 and reconcile with MPSP 1.0

MicroProfile

