MicroProfile - a Brief Introduction

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Why MicroProfile?

MicroProfile

Getting Started
Why MicroProfile?
Cloud-Native Java EE
Eclipse MicroProfile
MicroProfile 1.0

CDI 1.2  JSON-P 1.0  JAX-RS 2.0
MicroProfile 1.2

September 30, 2017

- Health Check 1.0
- Config 1.1
- CDI 1.2
- Metrics 1.0
- Fault Tolerance 1.0
- JSON-P 1.0
- JWT Propagation 1.0
- JAX-RS 2.0

Legend:
- Blue = New
- Blue = Updated
- Orange = No change from last release
MicroProfile 1.4

June 20, 2018

- Open Tracing 1.1
- Open API 1.0
- Fault Tolerance 1.1
- Metrics 1.1
- CDI 1.2
- JSON-P 1.0
- JAX-RS 2.0
- Rest Client 1.1
- JWT 1.1
- Health Check 1.0
- Config 1.3

MicroProfile 1.4

- = New
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#MicroProfile
@ivar_grimstad
Profiles
JAX-RS + CDI + JSON-P

+ WebSocket + Bean Validation + EJB + JPA
  + Servlet + JSF + JSP

+ JMS + Batch + Java Mail + Concurrency + JAX-WS + JASPIC
Eclipse MicroProfile Implementations
Getting Started
Eclipse MicroProfile
Optimizing Enterprise Java for a microservices architecture

#MicroProfile
Eclipse MicroProfile

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The Eclipse MicroProfile project is aimed at optimizing Enterprise Java for the microservices architecture.

Many innovative "microservice" Enterprise Java environments already exist in the Java ecosystem, including but not limited to:

- Wildfly Swarm
- WebSphere Liberty
- Payara
- TomEE
- Launcher
- Hammock

These projects are creating new features and capabilities to address microservice architectures -- leveraging both Java EE and non-Java EE technologies.

The goal of this project is to iterate and innovate in short cycles, get community approval, release, and repeat. Eventually, the output of this project could be submitted to the JCP for possible future inclusion in a Java JSR (or some other standards body).
Eclipse MicroProfile
http://microprofile.io

Jakarta EE
https://jakarta.ee

Eclipse Enterprise for Java (EE4J)
https://projects.eclipse.org/projects/ee4j