

MicroProfile - a Brief Introduction

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Why MicroProfile?



MicroProfile



Getting Started

Why MicroProfile ?

Cloud-Native Java EE

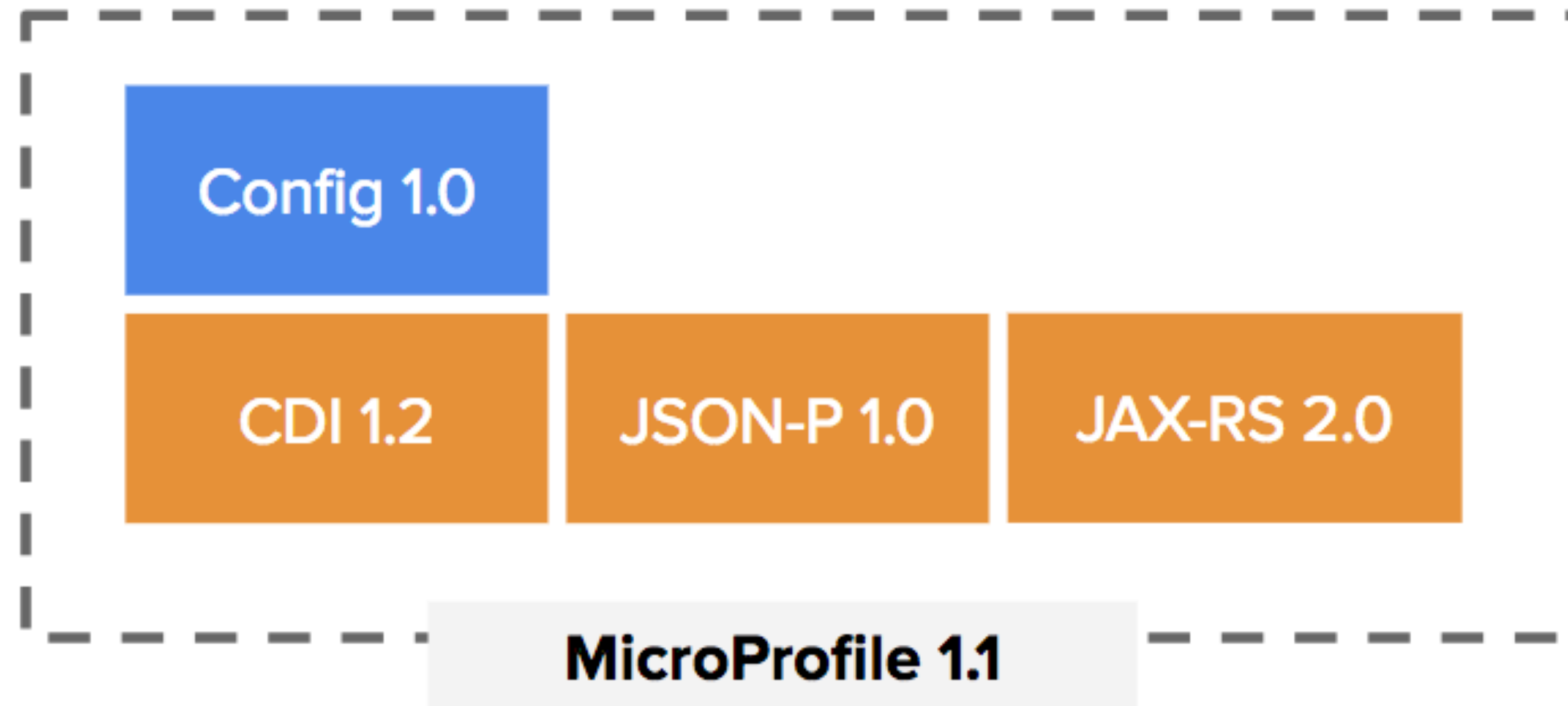
Eclipse MicroProfile

MicroProfile 1.0
September, 2016 ✓



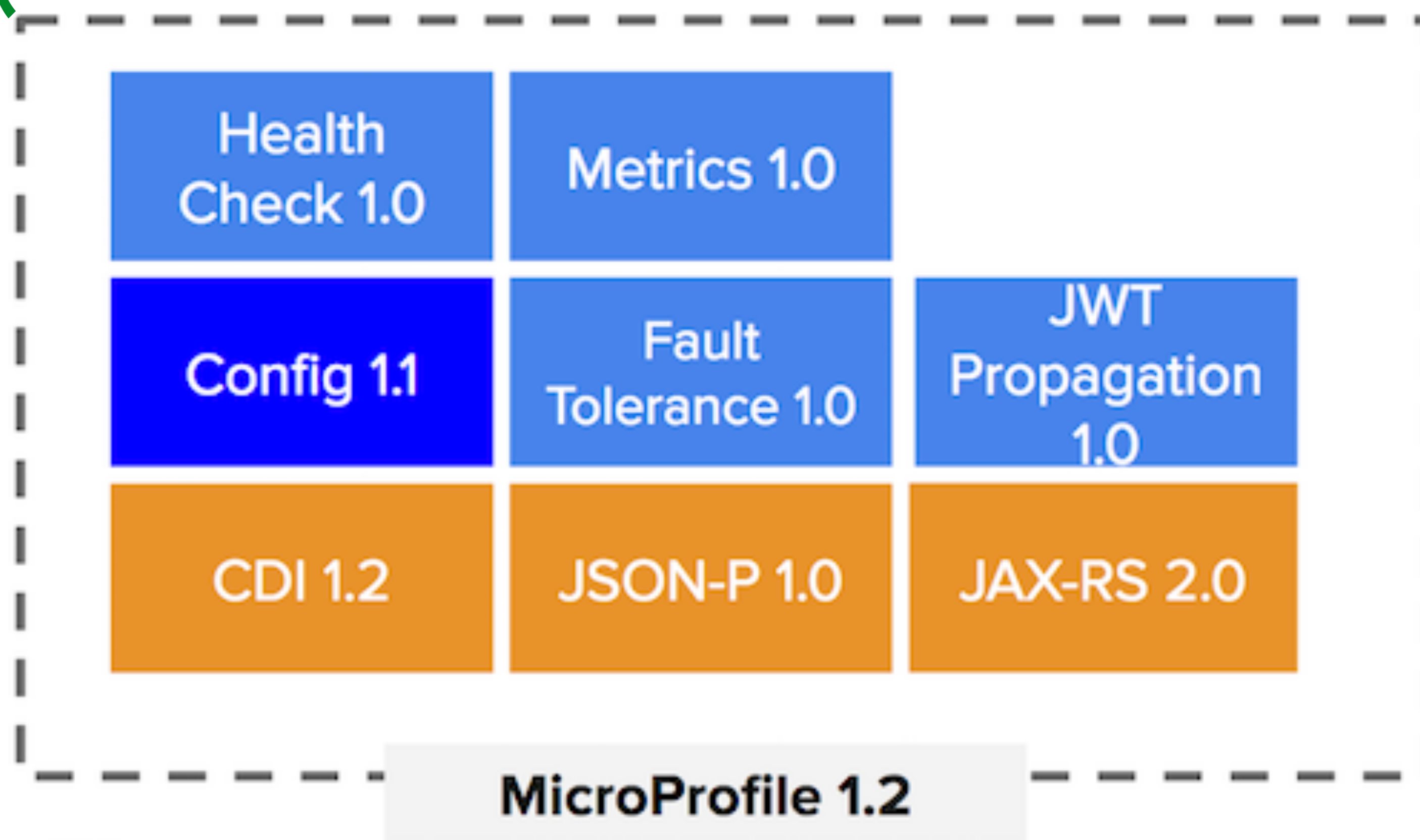
MicroProfile 1.1

July 21, 2017 ✓



-  = New
-  = No change from last release

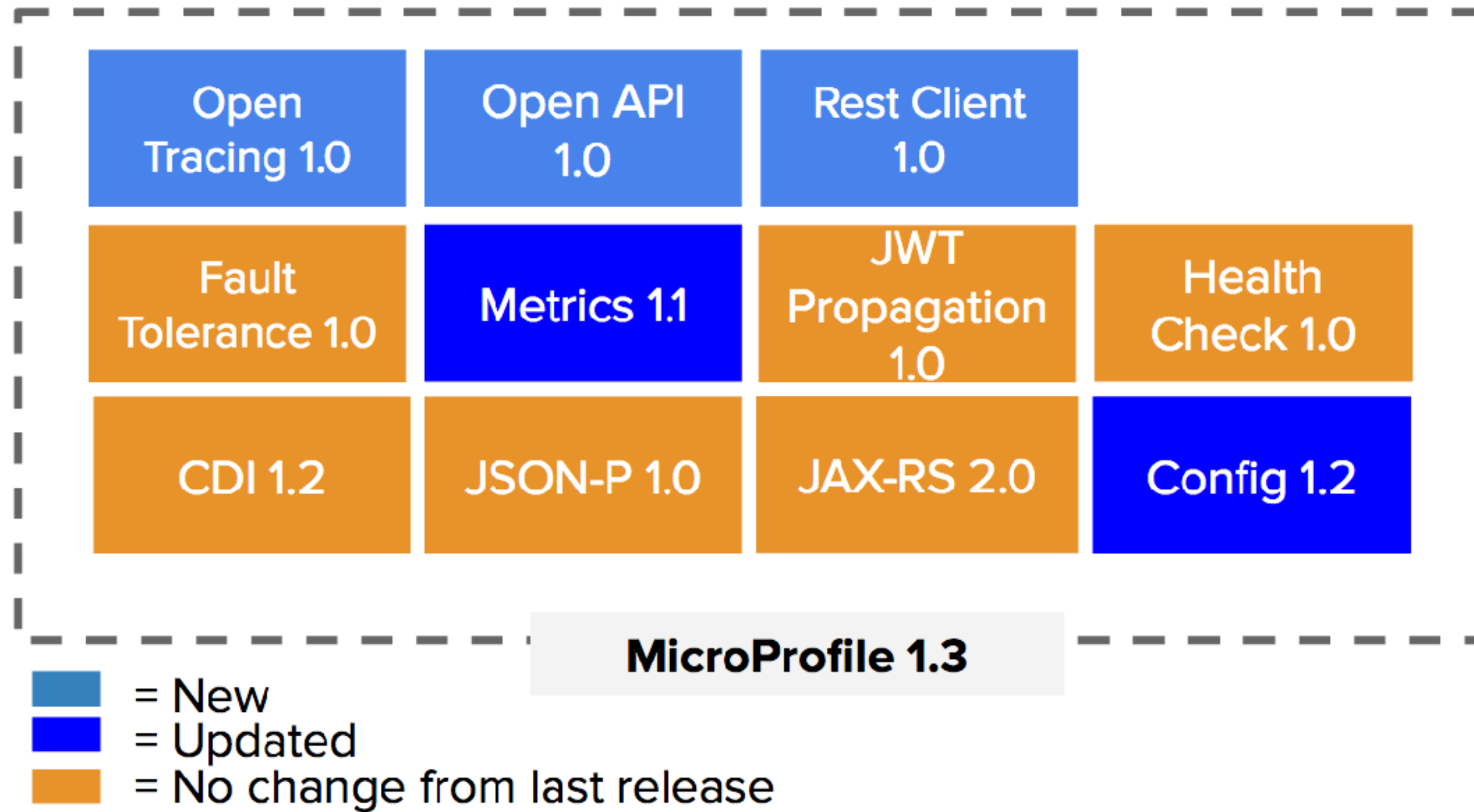
MicroProfile 1.2
September 30, 2017 ✓



-  = New
-  = Updated
-  = No change from last release

MicroProfile 1.3

January 3, 2018 ✓



MicroProfile 1.4

June 20, 2018 ✓

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

MicroProfile 1.4

-  = New
-  = Updated
-  = No change from last release

MicroProfile 2.0

June 20, 2018 ✓

Open Tracing 1.1	Open API 1.0	Rest Client 1.1	JSON-B 1.0
Fault Tolerance 1.1	Metrics 1.1	JWT 1.1	Health Check 1.0
CDI 2.0	JSON-P 1.1	JAX-RS 2.1	Config 1.3

MicroProfile 2.0

-  = New
-  = Updated
-  = No change from last release

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



PROJECTSPRESENTATIONSFAQBLOGCONTRIBUTORSJOIN THE DISCUSSIONSEE THE CODE



MICROPROFILETM
OPTIMIZING ENTERPRISE JAVA

Eclipse MicroProfile

Optimizing Enterprise Java for a microservices architecture





Eclipse MicroProfile

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To follow discussions for new Eclipse projects, subscribe to the **Incubation mailing list**.

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).



PROJECT LINKS ▾

- 🌐 Website
- 📺 MicroProfile Presentations
- 📅 MicroProfile Calendar
- 📖 Wiki

RELATED PROJECTS ▾

Eclipse MicroProfile

<http://microprofile.io>

Jakarta EE

<https://jakarta.ee>

Eclipse Enterprise for Java (EE4J)

<https://projects.eclipse.org/projects/ee4j>

