

ECLIPSE MICROPROFILE



HISTORY



- Java EE 6 (2009)

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 - Sun purchased by Oracle (2010)

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- Java EE 8 (2017)
- Jakarta EE 8 (2019)

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- new usages:
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- an open-source community specification for Enterprise Java microservices

Community - individuals, organizations, vendors



Current MicroProfile implementations



- new governance

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- 12x the pace of traditional Java EE

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- 12x the pace of traditional Java EE
- with less risk and smaller feature sets, developers can adopt new innovations more quickly

ECLIPSE MICROPROFILE 3.2







- Released: 11/4/19



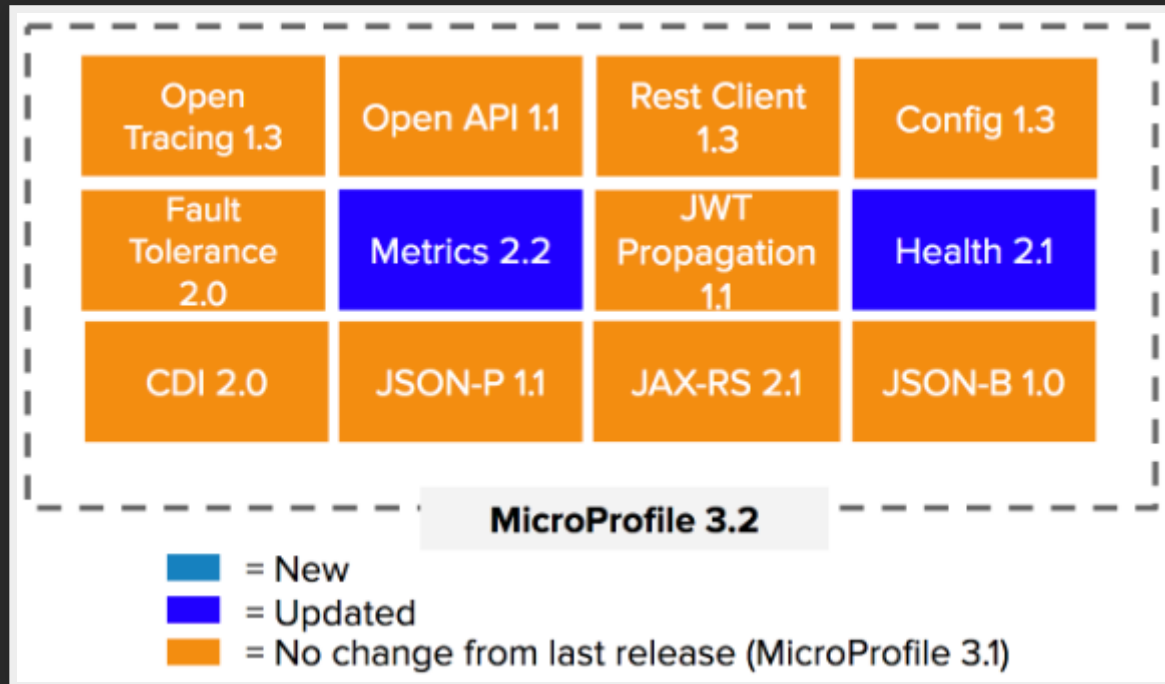
- Released: 11/4/19
 - 3.1 -> 10/8/19



- Released: 11/4/19
 - 3.1 -> 10/8/19
 - 3.0 -> 6/11/19



- Released: 11/4/19
 - 3.1 -> 10/8/19
 - 3.0 -> 6/11/19
 - 2.0 -> 6/20/18





Current version 1.2.10

MICROPROFILE IMPLEMENTATION

Code: demo.cmd

OVERVIEW

DEVELOPER JOY



DEVELOPER JOY

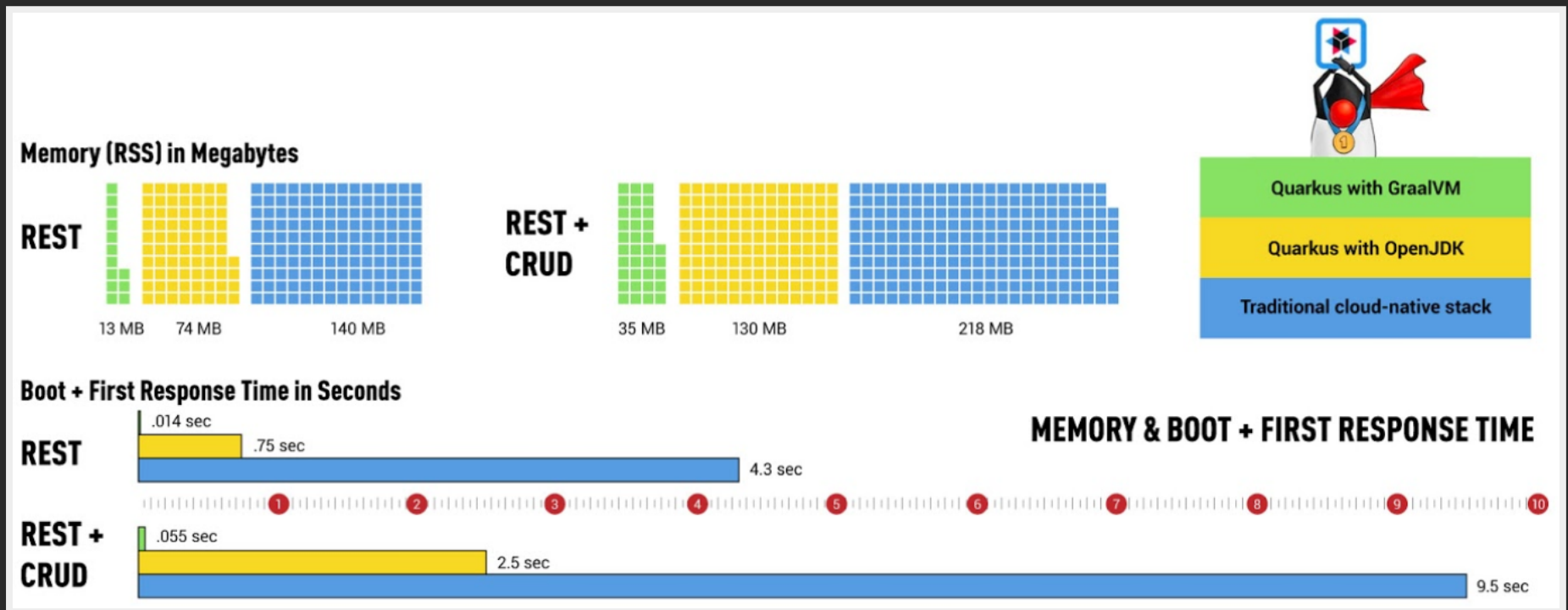
- Simple

DEVELOPER JOY

- Simple
- Productivity

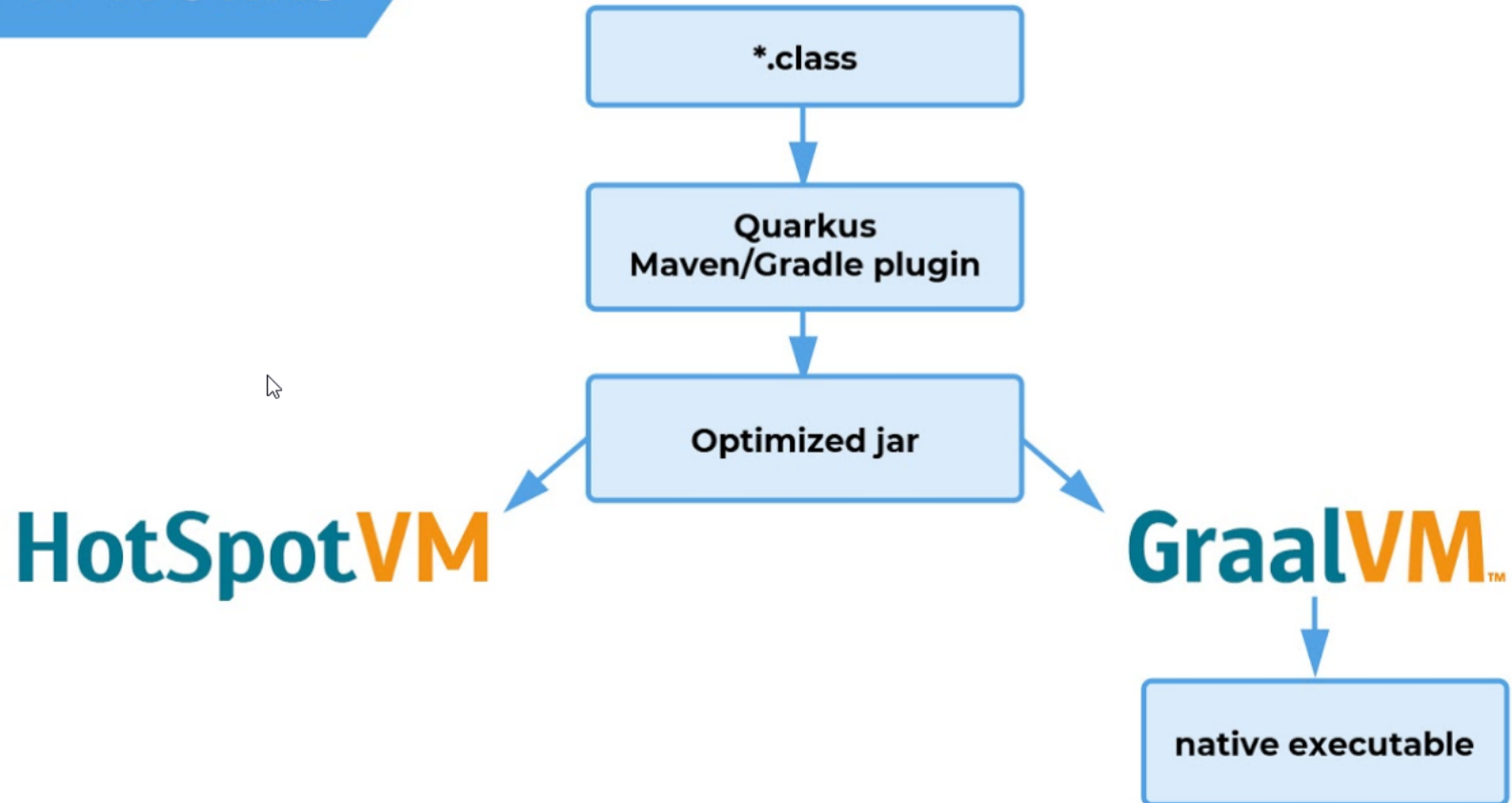
PERFORMANCE

- optimized libraries



- native packaging

HOW IT WORKS



Compare : compare.cmd

ECOSYSTEM



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- A collage of various blockchain and cryptocurrency logos, including Bitcoin, Ethereum, and others, arranged in a circular pattern. The logos are set against a dark gray background. The logos include: Bitcoin (yellow 'B' with two vertical lines), Ethereum (orange interlocking shapes), Cardano (red 'C' with a white circle), Solana (blue and white ship's wheel), Polygon (blue and white hexagon with a stylized 'P'), and others like Dogecoin (Shiba Inu dog), Monero (green and white geometric shapes), and Zcash (blue and white geometric shapes). The logos are arranged in a circular pattern, with some overlapping.

NEXT

NEXT

- Microprofile with Smallrye

NEXT

- Microprofile with Smallrye
 - GraphQL

NEXT

- Microprofile with Smallrye
 - GraphQL
 - Reactive Messaging

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- Microprofile with Smallrye
 - GraphQL
 - Reactive Messaging
 - Reactive Streams Operators

- GraalVM 20.x

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 - Windows advanced support

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 - Tooling (VSCode)

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 - Performance
 - Tooling (VSCode)
 - Polyglot improvements

- Quarkus

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 - Tooling (CLI, Gradle)
 - Extensions (Redis, Liquibase)

CONCLUSION



