Introducción a JakartaEE 8

Víctor Orozco - @tuxtor

28 de julio de 2018

Hackdays comunidad hispana 2018

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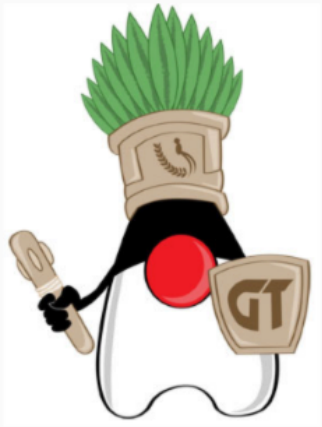
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Duke's Choice Award
2016 Winner
Java

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@guatejug @jakartaEE
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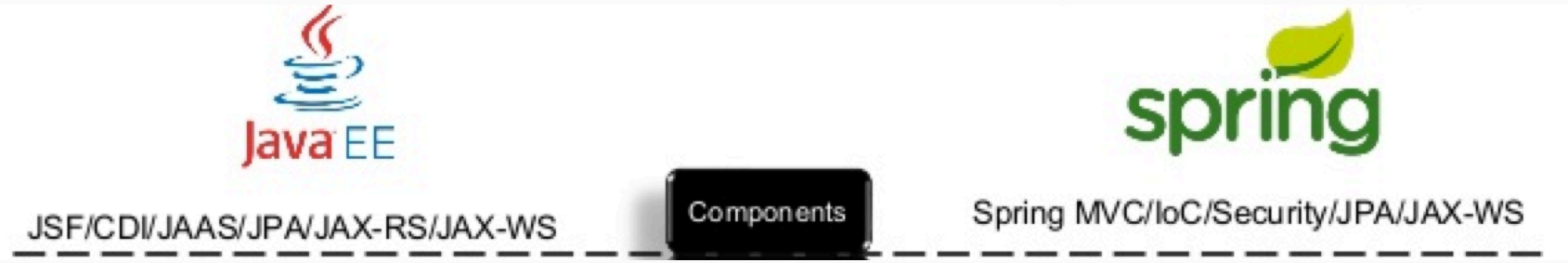
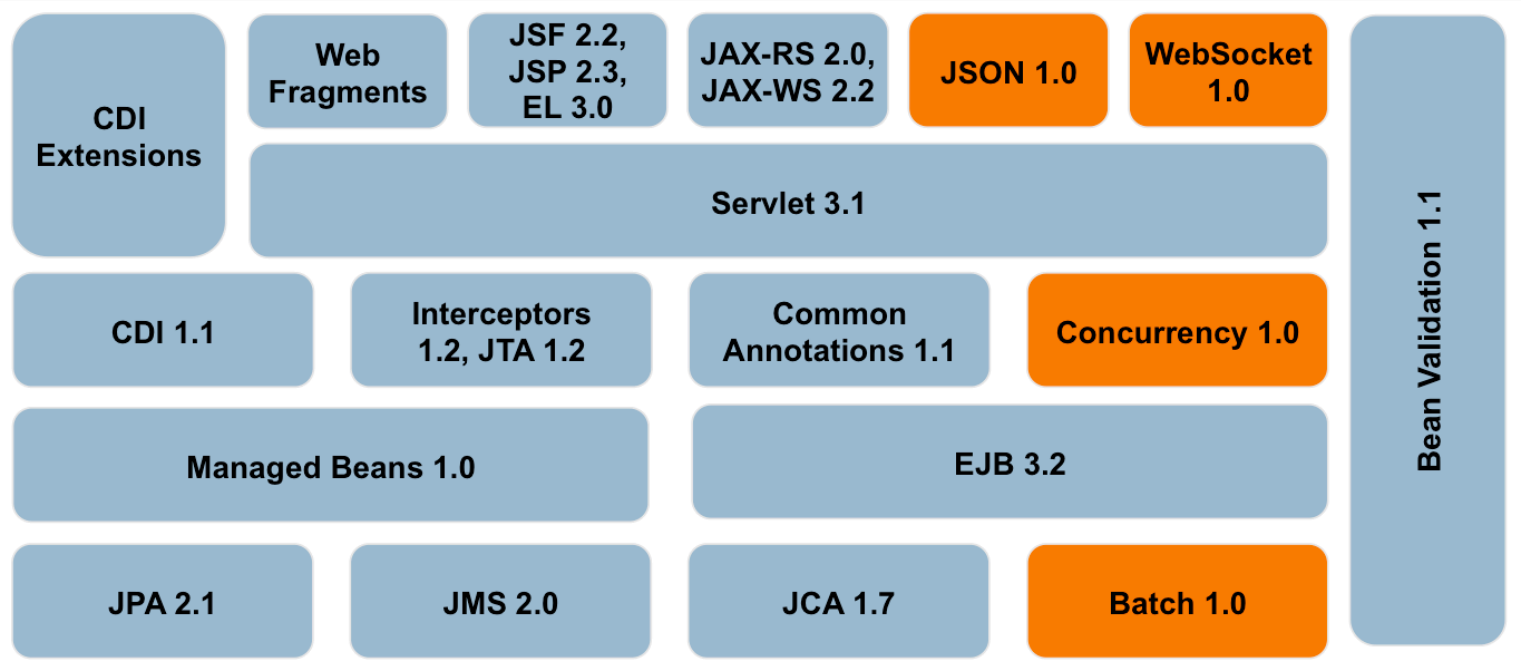
JavaEE 7

Framework - Ecosistema

Framework - Enterprise



JavaEE 7


CDI Extensions
Web Fragments
JSF 2.2, JSP 2.3, EL 3.0
JAX-RS 2.0, JAX-WS 2.2
JSON 1.0
WebSocket 1.0
Servlet 3.1
Bean Validation 1.1
CDI 1.1
Interceptors 1.2, JTA 1.2
Common Annotations 1.1
Concurrency 1.0
Managed Beans 1.0
EJB 3.2
JPA 2.1
JMS 2.0
JCA 1.7
Batch 1.0

JavaEE 7

- API Rest - JAX-RS 2.0
- WebSocket - WebSocket 1.0, Servlet 3.1
- JSON - JSON API 1.0
- SOA, Microservices

Revisión de conceptos

Arquitecturas enterprise

- ORM
- Persistence Entity
- DAO/Repository
- CDI
- Endpoint
- REST
- SPA

Arquitecturas enterprise

- ORM - Framework de cambio de paradigma (Relacional-POO)
- Persistence Entity - Entidad que representa una o varias tablas
- DAO/Repository - Unidad a cargo de la persistencia de una o varias entidades
- CDI - Inyección de dependencia y contexto
- Endpoint - Unidad a cargo de comunicaciones con el exterior
- REST - Protocolo de comunicación de datos via HTTP
- SPA - Aplicación elaborada con HTML5, JavaScript y CSS 3 que interactua unicamente para solicitar datos

Arquitecturas enterprise

- ORM - JPA
- Persistence Entity - JPA Entity
- DAO/Repository - EJB, Managed Bean
- CDI - Managed Beans
- Endpoint - JAX-RS
- REST - JAX-RS + JSON Provider
- SPA - AngularJS

Demo

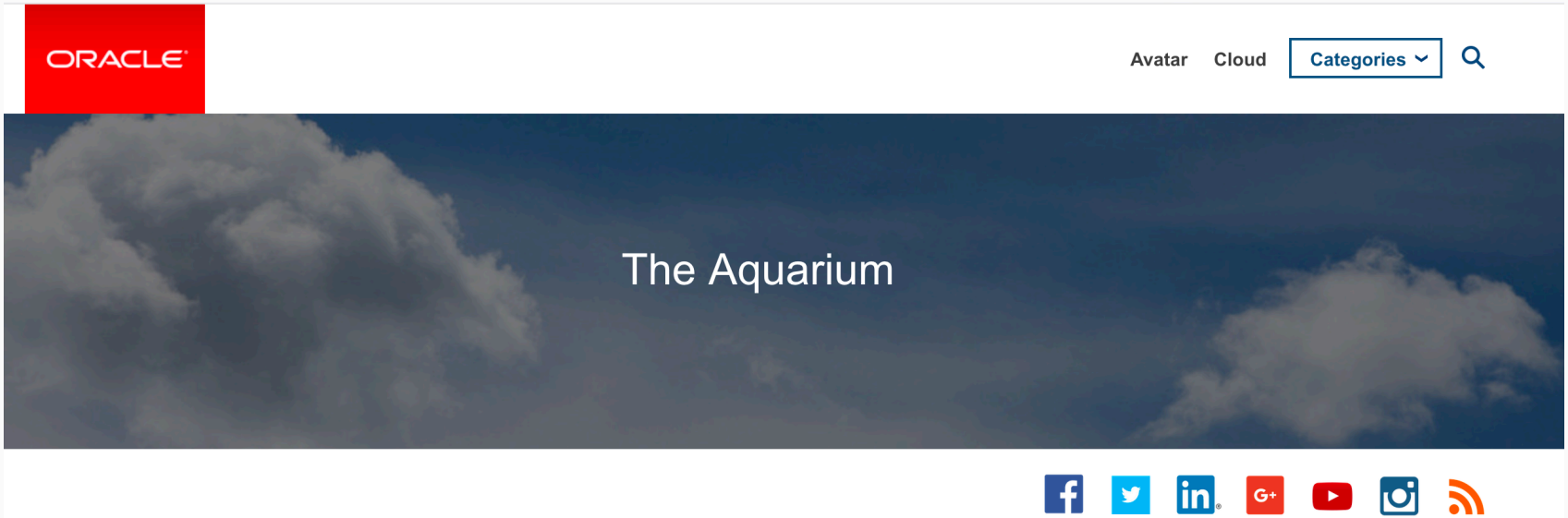
Java EE HOL

`https://github.com/comunidad-hispana-jugs/workshop-03-JEE8_-_JSE10`

JavaEE 8, EE4J

JavaEE 8

JavaEE 8



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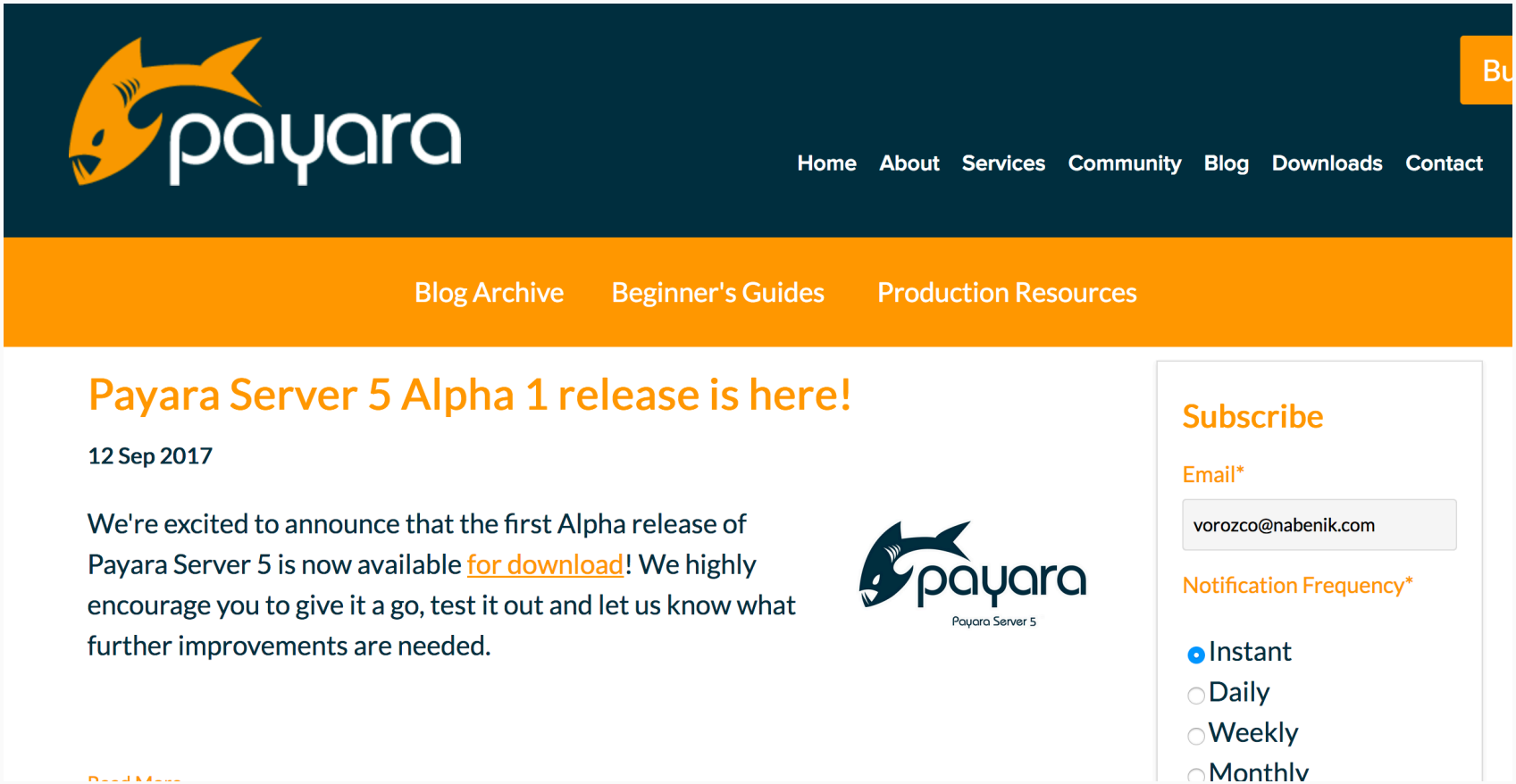
COMMUNITY, JAVAEE | Thursday, August 17, 2017

Opening Up Java EE

By: David Delabassee | Software Evangelist

We continue to make great progress on Java EE 8. Specifications are nearly complete, and we expect to deliver the reference implementation this summer. As we approach the delivery of Java EE 8 and the JavaOne 2017 conference, we believe there is an opportunity to rethink how Java EE is developed in order to make it more agile and responsive to changing industry and technology demands.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12 Sep 2017
We're excited to announce that the first Alpha release of Payara Server 5 is now available for download! We highly encourage you to give it a go, test it out and let us know what further improvements are needed.
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JavaEE 8

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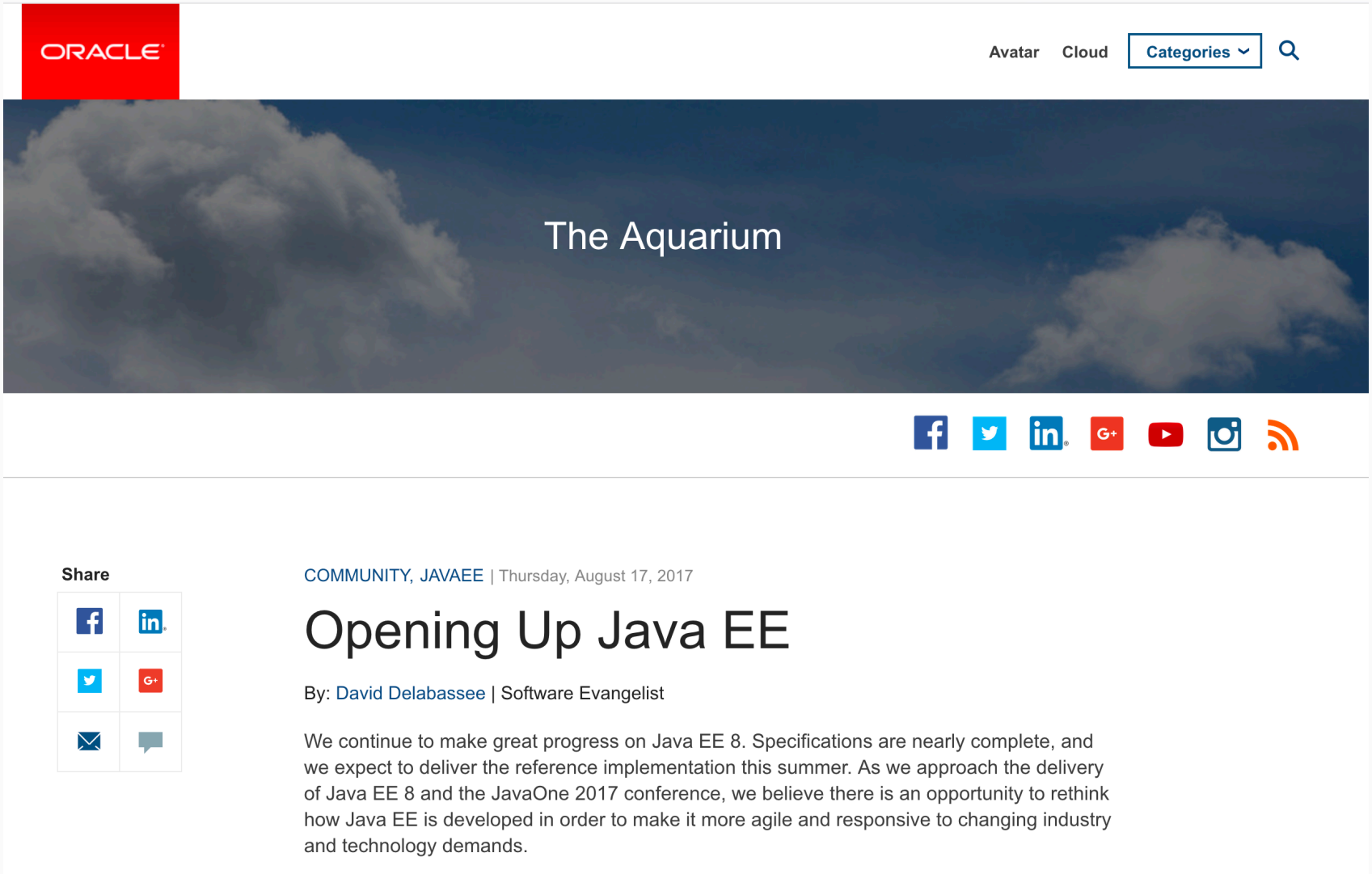
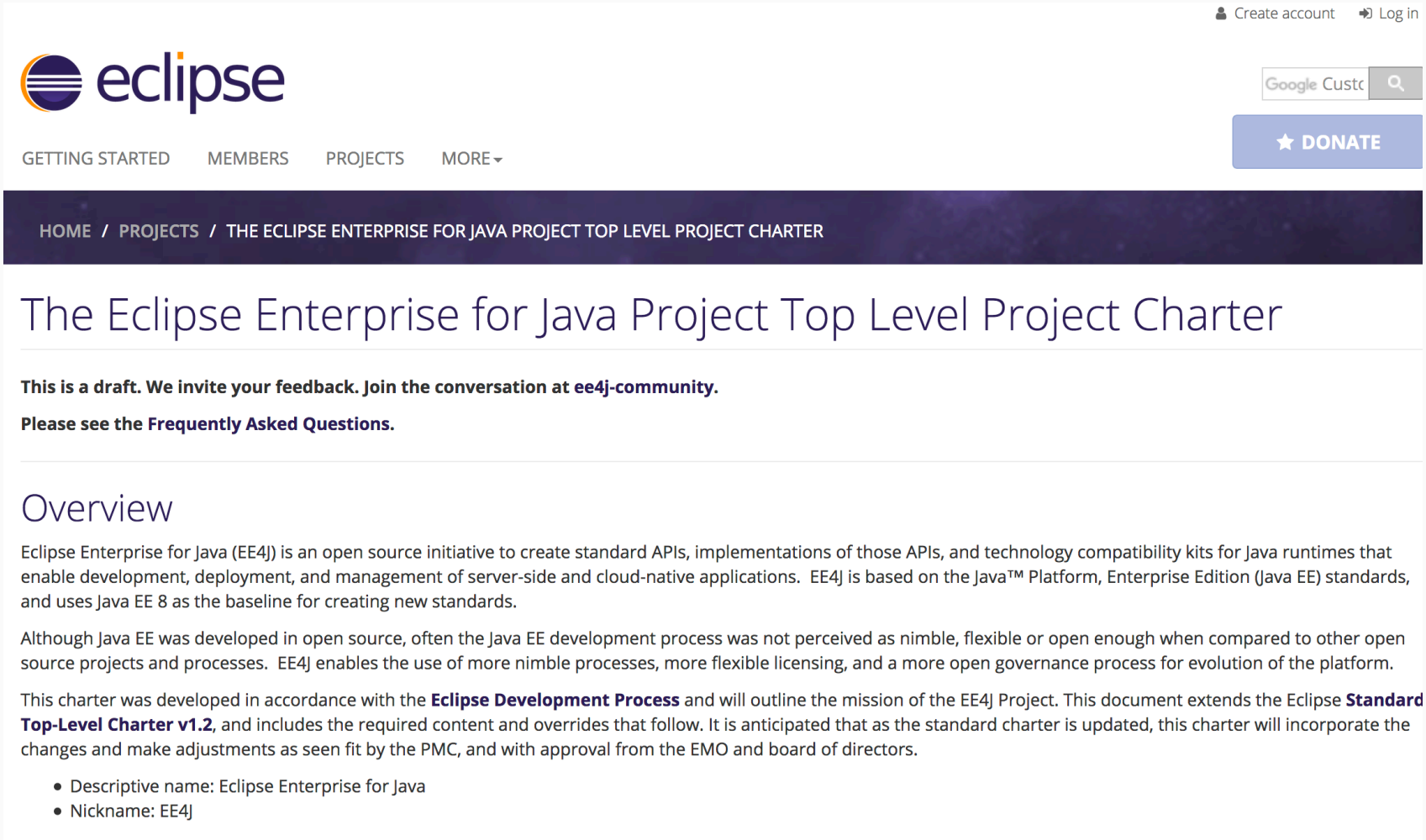
JavaEE 8 el ultimo gran Java EE



EE4J



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The Eclipse Enterprise for Java Project Top Level Project Charter

This is a draft. We invite your feedback. Join the conversation at ee4j-community.

Please see the Frequently Asked Questions.

Overview

Eclipse Enterprise for Java (EE4J) is an open source initiative to create standard APIs, implementations of those APIs, and technology compatibility kits for Java runtimes that enable development, deployment, and management of server-side and cloud-native applications. EE4J is based on the Java™ Platform, Enterprise Edition (Java EE) standards, and uses Java EE 8 as the baseline for creating new standards.

Although Java EE was developed in open source, often the Java EE development process was not perceived as nimble, flexible or open enough when compared to other open source projects and processes. EE4J enables the use of more nimble processes, more flexible licensing, and a more open governance process for evolution of the platform.

This charter was developed in accordance with the **Eclipse Development Process** and will outline the mission of the EE4J Project. This document extends the Eclipse **Standard Top-Level Charter v1.2**, and includes the required content and overrides that follow. It is anticipated that as the standard charter is updated, this charter will incorporate the changes and make adjustments as seen fit by the PMC, and with approval from the EMO and board of directors.

- Descriptive name: Eclipse Enterprise for Java
- Nickname: EE4J

Gracias

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- `https://www.vorozco.com`
- `http://github.com/tuxtor/slides`

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