

ORACLE®



Main sponsor



BOF : The Future of JavaEE



Alexis Moussine-Pouchkine
Oracle

Contents

- Java EE 6 Adoption
- Features & Plans for Java EE 7

The Java EE 6 Platform

New and updated components

- EJB 3.1(+Lite)
- JPA 2.0
- Servlet 3.0
- JSF 2.0
- JAX-RS 1.1
- Bean Validation 1.0
- DI 1.0
- CDI 1.0
- Connectors 1.6
- Managed Beans 1.0
- Interceptors 1.1
- JSP 2.2
- EL 2.2
- JSR 250 1.1
- JASPIC 1.1
- JACC 1.5
- JAX-WS 2.2
- JSR 109 1.3

Java EE 6 Web profile

New and updated components and unchanged components

- EJB 3.1 Lite
- JPA 2.0
- Servlet 3.0
- JSF 2.0
- Bean Validation 1.0
- DI 1.0
- CDI 1.0
- Managed Beans 1.0
- Interceptors 1.1
- JSP 2.2
- EL 2.2
- JSR 250 1.1
- JSR-45 1.0
- JSTL 1.2
- JTA 1.1

Implementations



GlassFish Server



ORACLE

Future<Java_EE>

- Java EE 7 : Theme = Cloud
 - PaaS (Platform as a Service) model
 - Multitenancy support
 - Service metadata
 - Connectionless APIs
 - Modularity metadata compatible with Java SE 8
 - Concurrency utilities (JSR-236)
 - JCache (JSR-107)
 - JMS 2.0 API
 - Web sockets, HTML 5, JSON, REST client API
 - Further alignment behind managed beans
 - Update to all major JSRs (multi-tenancy and tightening up)
 - Evolution, not revolution
- Will require Java SE 7

Java EE 7 Content (so far)

- Filed and voted !
 - Java EE 7 (JSR 342)
 - JPA 2.1 (JSR 338)
 - JAX-RS 2.0 (JSR 339)
 - Servlet 3.1 (JSR 340)
 - JSF 2.2 (JSR 344)
 - EL 3.0 (JSR 341)
 - JMS 2.0 (JSR 343)
- Other
 - JCache revived (JSR 107)
 - Concurrency Utilities (236)
 - MRs: JSR250, JAX-WS 2.3, JTA 1.2, JSP 2.3, connectors
 - (...)
- Yet to be filed
 - EJB 3.2
 - Bean Validation 1.1
 - JSR-330 1.1
 - JSON 1.0
 - CDI 1.1

Java EE 7 Content (so far)

- Filed and voted !

- Java EE 7 (JSR 342)
- JPA 2.1 (JSR 338)
- JAX-RS 2.0 (JSR 339)
- Servlet 3.1 (JSR 340)
- JSF 2.2 (JSR 344)
- EL 3.0 (JSR 341)
- JMS 2.0 (JSR 343)

- Other

- JCache revived (JSR 107)
- Concurrency Utilities (236)
- MRs: JSR250, JAX-WS 2.3, JTA 1.2, JSP 2.3, connectors
- (...)

- Yet to be filed

- EJB 3.2
- Bean Validation 1.1
- JSR-330 1.1
- JSON 1.0
- CDI 1.1

All Oracle-led JSRs as open projects on java.net

Publicly viewable, archived expert group mailing list. JIRA, wiki, ...

Ex: <http://jpa-spec.java.net>

Java EE 7 - When?

- Late 2012
- Date-driven release
 - (anything not ready will be deferred to Java EE 8)
- Expert Groups still forming, consider joining
- JCP membership free for individuals



Main sponsor



alexis.moussine-pouchkine@oracle.com
@alexismp

<http://blogs.sun.com/alexismp>
<http://blogs.sun.com/theaquarium>

