Meet The Java EE Specification Leads

Subtitle

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Program Agenda

1 Introduce Spec Leads

2 Brief Review of Java EE 8 Plans

3 Your Questions

4 Our Questions

Introduce Spec Leads

Brief Review of Java EE 8 Plans

Java EE 8 Themes

- HTML5 / Web Tier Enhancements
- Ease of Development / CDI alignment
- Infrastructure for running in the Cloud

HTML5 Support / Web Tier Enhancements

- JSON Binding

- JSON Processing enhancements

- Server-sent events

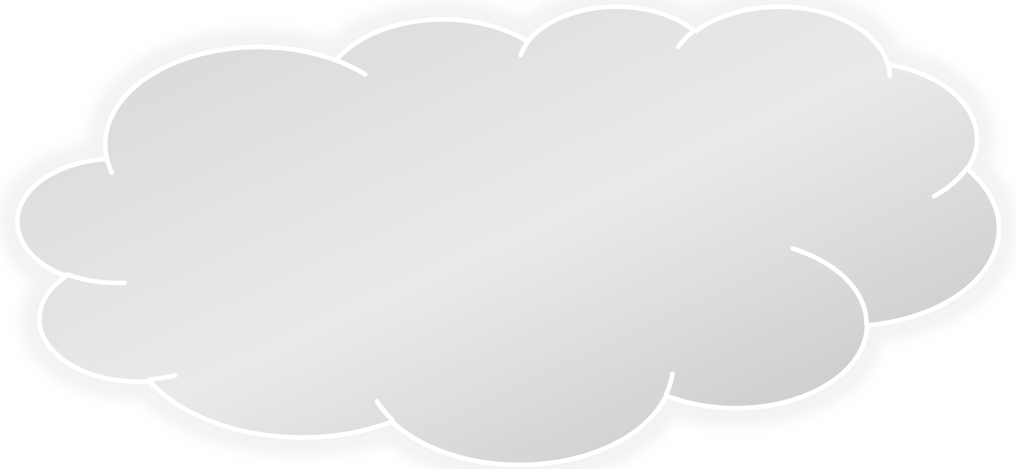- Action-based MVC

- HTTP/2 support

Ease of Development / CDI Alignment

- Security interceptors
- Simplified messaging with JMS message-driven beans
- JAX-RS injection alignment
- WebSocket scopes
- Pruning of EJB 2.x client view and IIOP interoperability

Modernize the Infrastructure

For On-Premise and for in the Cloud

- Java EE Management 2.0
  - REST-based APIs for Management and Deployment

- Java EE Security 1.0
  - Authorization
  - Password Aliasing
  - User Management
  - Role Mapping
  - Authentication
  - REST Authentication

Java EE 8 JSRs

- Java EE 8 Platform (JSR 366)
- CDI 2.0 (JSR 365)
- JSON Binding 1.0 (JSR 367)
- JMS 2.1 (JSR 368)
- Java Servlet 4.0 (JSR 369)
- JAX-RS 2.1 (JSR 370)

- MVC 1.0 (JSR 371)
- JSF 2.3 (JSR 372)
- Java EE Management 2.0 (JSR 373)
- JSON-P 1.1 (JSR 374)
- Java EE Security 1.0 (JSR 375)

Expected MRs and small JSRs

- Connector Architecture

- WebSocket

- Interceptors

- JPA

- EJB

- JTA

- Bean Validation

- Batch

- JavaMail

- ...

Your Questions

Our Questions

Topics

1. Remote access

2. Interoperability

3. CORBA

4. Interceptors

5. Resource references

Remote access

- What technology do you use for remote access to Java EE components?
  - @Remote EJBs
  - SOAP web services
  - REST web services
  - Other

Interoperability

- Do you depend on interoperability between Java EE products from different vendors?

- Do you depend on interoperability between Java EE products and non-Java products?

- What technology do you use for interoperability?
  - @Remote EJBs
  - SOAP web services
  - REST web services
  - Other

CORBA

- Do you depend on CORBA?
  - For @Remote EJBs?
    - Within a single product?
    - Between products from different vendors?
  - For interoperability with non-Java applications?
  - Using RMI/IIOP?
  - Using org.omg APIs?

Interceptors

```
@Interceptors(IntA.class)
public class Base { … }


@Interceptors(IntB.class)
public class Test extends Base { … }
```

- Does IntA interceptor get called when methods on Test are called?
- Does it matter if Test is an EJB vs. a CDI managed bean?

Resource references

- In library.jar in lib directory of ear file:

```
public class Util {

    @Resource

    private DataSource ds;

}
```

- Is this legal?
- What is the JNDI name of the resource reference?

How to Get Involved

- Adopt a JSR
  - http://glassfish.org/adoptajsr
- Join an Expert Group project
  - http://javaee-spec.java.net
- The Aquarium
  - http://blogs.oracle.com/theaquarium
- Java EE 8 Reference Implementation
  - http://glassfish.org

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