Java EE 6 Update

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Agenda

• Key features
• Components
• Status / schedule
Key Features

- Profiles
- Extensibility
- Pruning
- More ease-of-development
Profiles

• General rules defined by the platform spec
• Individual profiles defined in their own JSRs
• Web Profile done by the platform EG
• Rules published in early draft
• Web Profile contents TBD
Pruning

• Ability to make some technologies optional
• Two releases to become effective
• Candidates for pruning:
  > JAX-RPC, EJB entity beans, JAXR, JSR-88
Extensibility

• Embrace third-party libraries and frameworks
• Starting with the web container
• More powerful dependency injection facility
• Scripting as an important use case
More Ease of Development

- Annotation-based model in the web tier
- New API for RESTful web services
- Ajax support in JSF
- Further simplifications to EJB programming model
  - Optional local interfaces
  - Singletons
  - Embeddable EJB
  - Simplified packaging
Candidate Component JSRs

- EJB 3.1
- JPA 2.0
- Servlet 3.0
- JSF 2.0
- JAX-RS 1.0
- Connectors 1.6
- Web Beans 1.0
- JSR-303 1.0
- JSR-236 1.0
Schedule

• JAX-RS 1.0 final now
• All specs submitted for PR by end of October
• PFD of all specs by the end of the year
• Final release JavaOne 2009
JCP Citizenship

• No FOU restrictions in EE TCK licenses, ever
• RI is open source (dual-licensed GPL/CDDL)
• Many implementations under a variety of licenses
• Some expert groups are very open (JSF, JAX-RS)
• Moving toward more transparency in all JSRs
• Good balance of community and industry players
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