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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