

Real Java EE Testing

with Arquillian and ShrinkWrap

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1-3 JUNE 2010, ZÜRICH



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AGENDA

- > ShrinkWrap
- > Arquillian
- > Demo – Contexts & Dependency Injection (JSR-299)
- > Demo - EJB
- > Demo - JMS
- > Demo – JAX-RS (REST)
- > Supported containers
- > Future
- > Q&A and t-shirts!



ShrinkWrap, Skip the Build!

- > Programmatic archive creation
- > Simple API
- > Micro deployments
- > IDE incremental compilation
 - Save and re-run
 - Skip the Build!

Arquillian, test in-container!

- > Archives
 - ShrinkWrap
- > Multiple Test frameworks
 - JUnit, TestNG
- > Multiple Run modes
 - In container, as client
- > Multiple Enrichers
 - CDI, EJB, Resources, MC
- > Multiple Containers

Demo – Contexts & Dependency Injection (JSR-299)

- > Run IN_CONTAINER
- > Weld Embedded
- > JBoss AS 6.0 Remote



Demo - EJB

- > Run IN_CONTAINER
- > Apache Open EJB Embedded
- > JBoss AS 6.0 Remote



Demo - JMS

- > Run IN_CONTAINER
- > JBoss AS 6.0 Embedded
- > JBoss AS 6.0 Remote



Demo – JAX-RS (REST)

- > Run AS_CLIENT
- > JBoss AS 6.0 Embedded
- > JBoss AS 6.0 Remote



Supported Containers

- > JBoss AS 6.0 Local
- > JBoss AS 6.0 Embedded
- > JBoss AS 6.0 Remote
- > JBoss AS 5.1 Local
- > Jboss AS 5.1 Remote
- > Jboss Reloaded
- > GlassFish Embedded 3.0
- > Weld Embedded
- > Apache OpenWebBeans Embedded
- > Apache OpenEJB Embedded



Future

- > More containers
 - Weblogic, Spring, GlassFish Remote, Hibernate, Drools...
- > CirrAS, JClouds
 - Start and deploy your test cloud
- > Performance Monitor
- > GUI - Component Coverage
- > Package-time class manipulation (Byteman, Javassist, AOP)
 - Exception, Callback, Assertion injection
- > Tooling – JBoss Developer Studio
- > Framework integration ?
 - JSFUnit, Selenium, HTTPUnit, easyB, DBUnit



Q&A and t-shirts!



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#testrevolution

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