jax **2010**

Konferenz für Java™, Enterprise Architekturen, SOA

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JavaServer Faces
Quo Vadis?

My plan for your time investment

- Let's feel good about us: JSF 2.0 is done!

- Seeding and harvesting

- The current short term plan

  - JSF 2.0 Rev a — JCP Maintenance Review

  - (pending) JSF 2.1 — JCP Maintenance Review

- The current longer term plan

  - Aspects of my vision for the future of JSF

Hooray! JSF 2.0 is done

- Final on 1 July 2009
- Started on 4 July 2007
- Went to publically readable mailing list on 4 March 2009
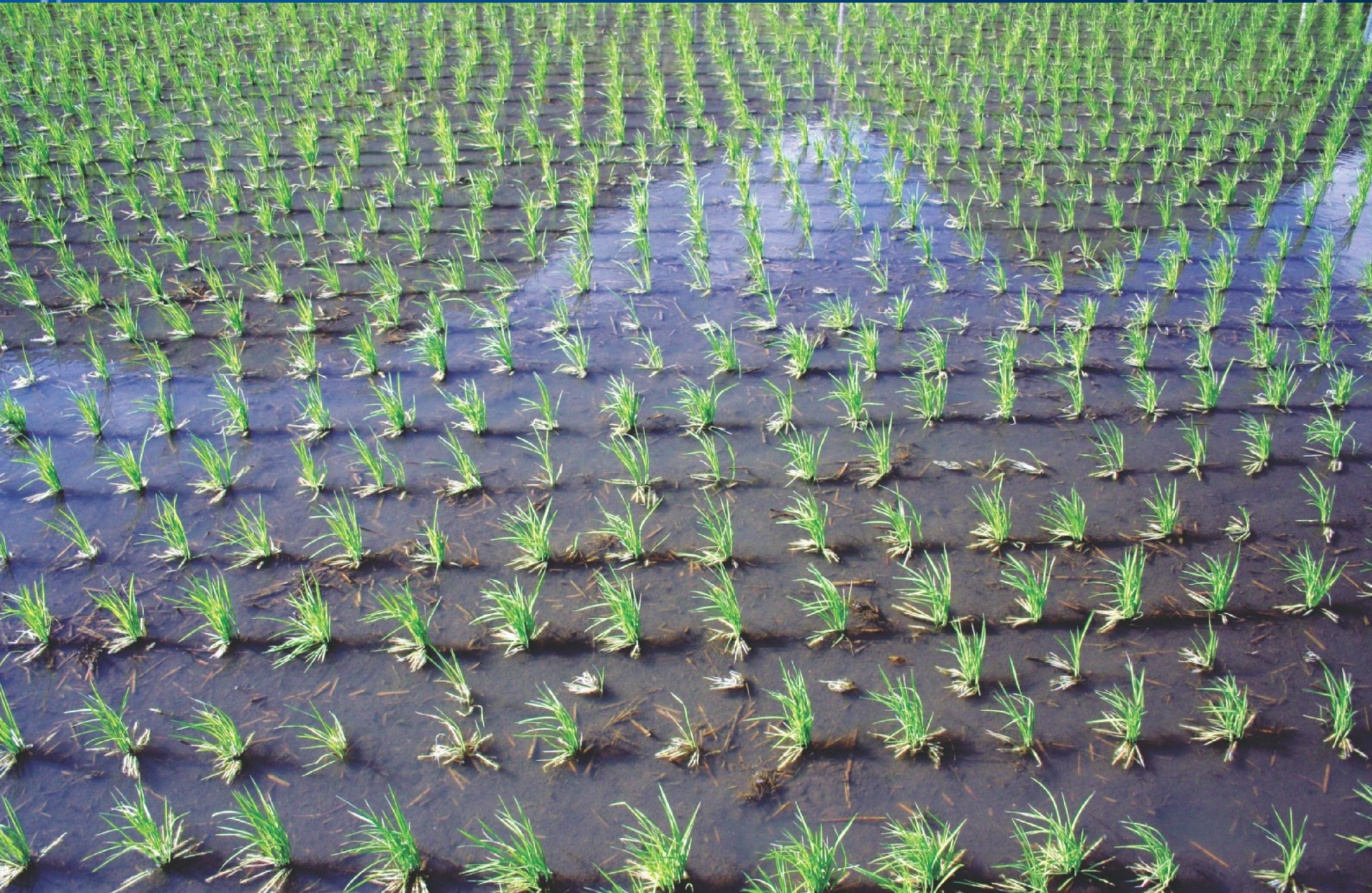- More new features than any other JavaEE JSR revision

Who is using JSF?

http://bit.ly/RealWorldJsfLinks

Seeding and Harvesting

Seeding and Harvesting

- **JSF 1.0, 1.1: Plant the seed**
  - Lots of opinions!
    - Fix or drop JSP
    - Too complex
- **JSF 1.2: Mostly planting, some harvesting**
  - Incremental improvement
  - Fixed JSP
  - A little bit easier, but not much
  - Still more opinions
    - Based on real world deployments

Seeding and Harvesting

- **JSF 2.0: Mostly harvesting, some seeding**
  - **Vendors are building on JSF**
    - IDE vendors
    - Extension vendors
      - UI Components, i.e. ICEFaces, RichFaces, Woodstock
      - Automated testing, i.e. JSFUnit
      - Iterative Development aids, i.e. FacesTrace
      - Run-time enhancements, i.e. Spring Web Flow, Seam
  - **Other frameworks**

Seeding and Harvesting

- JSF 2.next: harvesting and maintenance
- After a big release, it's time to listen

The current plan

- JSF 2.0 Rev a is underway
  - Done via JCP Maintenance Review process
    http://jcp.org/en/procedures/jcp2#4.2.1
  - JSF 2.0 Expert group has been officially
    disbanded
  - **But**, we continue to have discussions about
    the development of the spec on
    JSR-314-OPEN@JCP.ORG
- Mojarra 2.0.3 will be out in mid-June
- Mojarra 1.2_15 will be out in mid-June

The current plan

- **JSF 2.0 Rev a is underway**
  - Oracle will follow Sun's tradition of moderation on "Rev a" type releses
    - No signature changes of any kind
    - No new implementation requirements
    - No change needed to the TCK
  - Roughly 100 issues ranging from typos to spec clarifications

What is likely to happen next

JSF 2.1

- Issues that don't fit the constraints of JSF 2.0 Rev a will be in JSF 2.1

- JSF 2.1 will also be done with the JCP maintenance review process

- Can introduce new implementation requirements

- Will modify the TCK

- Will be a part of GlassFish Server Open Source Edition 3.1

What is likely to happen next

JSF 2.1

- Small to mid–sized things that didn't make it into JSF 2.0. Such as:
  - Additional Facelet API
  - Add a styleClass attribute to h:column
  - Facelets namespace abbreviations
  - ResourceHandler improvements
- As Cay Horstmann says: a "fit and finish" release.

Q&A About the Short Term Plan

Longer Term Plan
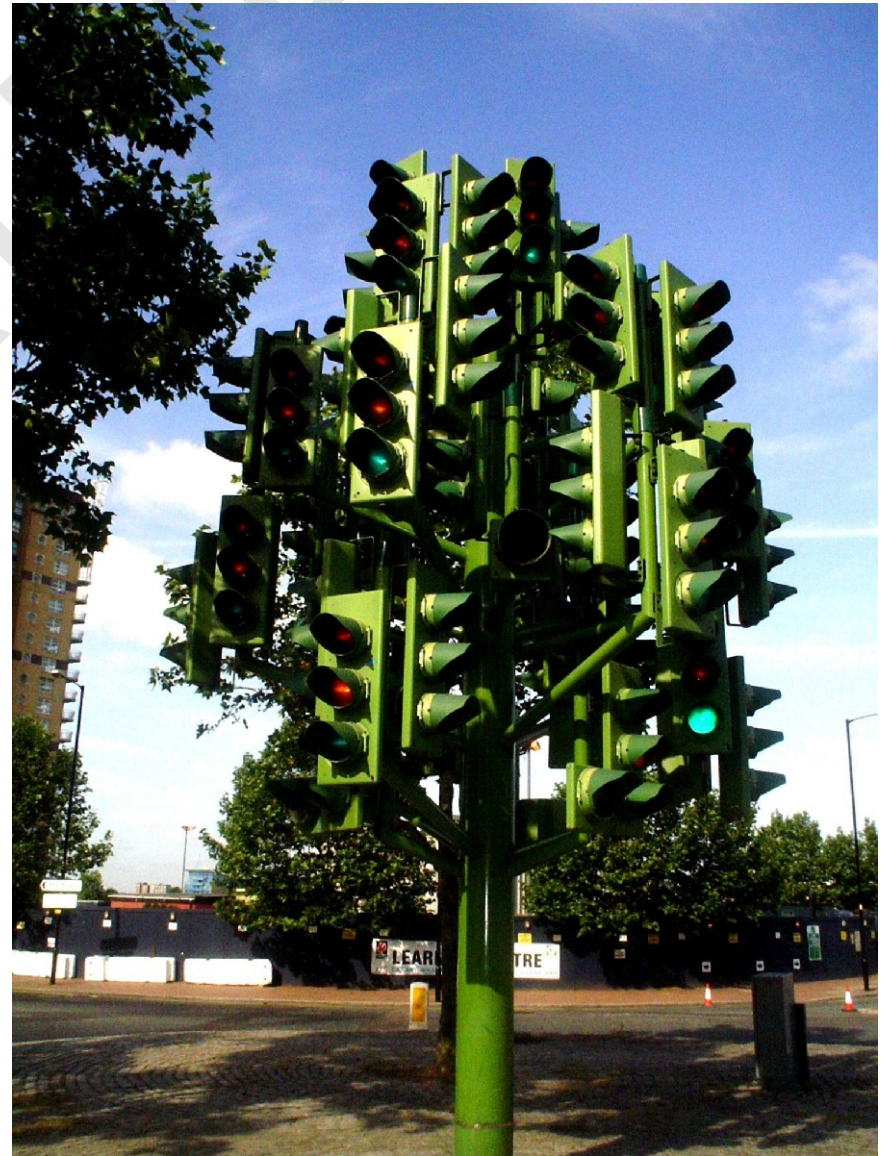

- Community
- Technology

Longer Term Plan: Community

- Community is one of JSF's biggest assets

- Get Oracle JCP story straightened out

- Re-energize JSF community

  - JSF Component Registry

  - Maven Central Repository

- http://javaserverfaces.org/

Longer Term Plan: Technology

- Leverage EE6
  - CDI
  - Servlet 3.0
    - Async/Comet
    - Continuations
- REST, JAX–RS
- Security
- Multiple Renderkits
- JSCL: Jim Driscoll's blog entry 2009/10/14

Q&A About the Longer Term Plan