Ajax and JavaServer™ Faces Technology Tools in Eclipse

Cameron Bateman

Committer,
JavaServer Faces Tools
Oracle
http://www.eclipse.org/webtools

 TS-9782

Philippe Ombredanne

Committer, Eclipse ATF
nexB and EasyEclipse
http://www.eclipse.org/atf

Eclipse JavaServer Faces Technology Sub-project

Using and extending the
JavaServer Faces technology tooling framework

Learn how the WTP/JavaServer Faces Technology Tools project can help you create JavaServer Faces applications and custom tooling under Eclipse.

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In the Next 25–30 Minutes…

What Is JavaServer™ Faces Technology Tooling Project?

What Can It Do for JavaServer™ Faces Technology Developers?

Write and Run a Simple Application

Extensible Framework

Brief Extensibility Demo

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Project Overview

Who we are

- The JavaServer Faces technology Tools Project provides support to simplify development of JavaServer Faces applications under Eclipse

- Milestones
  - June 2006: Tech-preview version released with WTP 1.5 release
  - June 2007: First release as part of WTP 2.0 release

- Key contributions
  - Oracle: Project Lead + 3 developers
  - Code contributions from Sybase, IBM, Individual contributors

- Project home page: http://www.eclipse.org/webtools/jsf/

You Are Here

What Is JavaServer Faces Technology Tooling Project?

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Brief Extensibility Demo

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Main JavaServer Faces Technology Developer Features

What We Do for You

- Web Page Editor

- Faces Configuration Model, Editor, and Wizards

- JavaServer Faces technology Library Registry

- Validation for JavaServer Faces technology/ JavaServer Pages™ (JSP™ pages) and Application Configuration

- Support for JavaServer Faces 1.1 and 1.2 versions

DEMO

Write a Simple JavaServer Faces Application

You Are Here

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Write Your Own Custom Tooling

Extensibility

- Meta-data Framework

- Design-time Tag Rendering

- Expression Language Support

- JavaServer Faces Application Configuration Manager

DEMO

Introducing the Meta-data Framework

Summary

- Provides end-user features
- Is extensible

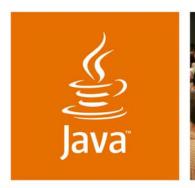…And we need your help!

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For More Information

- JavaServer Faces Technology Tools Project Home
  - http://www.eclipse.org/webtools/jsf
- JavaServer Faces Technology Tools Project Wiki
  - http://wiki.eclipse.org/index.php/JSF_Tools_Project
- Visual Page Designer Features
  - http://wiki.eclipse.org/index.php/Visual_Page_Designer
- Please send us your feedback, requirements, and issues at:
  - Newsgroup: eclipse.webtools.jsf
  - Mailing list: wtp-jsf-dev@eclipse.org
  - Bugzilla: https://bugs.eclipse.org/bugs/enter_bug.cgi?product=Java%20Server%20Faces

Ajax Toolkit Framework (ATF) Tools in Eclipse

Philippe Ombredanne

Committer, Eclipse ATF
nexB and EasyEclipse
http://www.eclipse.org/atf

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Eclipse ATF Sub-Project
Using and extending the Ajax Toolkit Framework

Learn how the Ajax and JavaScript™ technology tooling can help you create Ajax applications with Eclipse.

In the Next 25–30 Minutes…

- What Is the ATF Project?

- What Can It Do for Ajax and JavaScript Technology Developers?

- Write and Run a Simple Application

- Extend With Support for a New Library

- Eclipse Mozilla Mashup

Project Overview

Who we are

- ATF? An open source project @ Eclipse.org

- The Ajax Toolkit Project provides support for developing Ajax and advanced JavaScript technology applications with Eclipse

- Milestones
  - September 2006: Tech-preview version
  - April 2007: 0.2 milestone

- Key contributions
  - IBM—Project Lead + 5 developers
  - Contributions from others and individual contributors

- Project home page: http://www.eclipse.org/atf/

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Main Ajax and JavaScript Technology Developer Features and Benefits

What we do for you

- JavaScript technology editor

- Drag and drop editing

- JavaScript technology debugger (in browser)

- DOM and XMLHttpRequest inspection

- Mozilla integration

- Easier coding and learning of JavaScript technology and JS libraries

- Deep "in browser" introspection and debugging capabilities

- Faster development

DEMO

Write a simple ATF application

Write Your Own Custom Tooling

Extensibility

- A framework for building other tools
  - Support for new libraries
  - Support for validation
- Add new "Personality"
- Wizard-driven builder

DEMO

Adding a new library support

Mozilla Eclipse Mashup

- New multi-platform SWT embedded Mozilla

- Using Xulrunner, the Mozilla and Firefox rendering engine

- Enables Web browser integration beyond the capabilities of the standard SWT Browser widget

Summary

- A pretty darn cool open source project!
- Use it now, as-is, or extend it
- …And we need your help!

For More Information

- ATF Project Home
  - http://www.eclipse.org/atf

- JavaServer Faces Tools Project Wiki
  - http://wiki.eclipse.org/index.php/ATF

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