Java EE 6 Tooling

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Java EE 6 Tooling

What's New?

- EE 6: many new APIs
- Web Profile/Full profile
- EJB inside Web Apps
- More Dependency injection
- GlassFish v3: EE6 and more:
  - > Fast, really fast
  - > Session Preservation,
  - > OSGi

And the tools?

GlassFish v3 Tooling

- As usual, vi/emacs are Java EE 6 certified
  - > Simpler to use: less code to type, less XML, less Interfaces to synchronized, more default values,...
- And:...
- NetBeans 6.8 Java EE 6 ready
- Eclipse GlassFish Plugin 1.50 and above
- GlassFish Tools Bundle for Eclipse 1.2
- IntelliJ IDEA 9 Beta
- Build your own: using GlassFish REST Admin APIs

NetBeans 6.8

- A comprehensive, modular IDE
  - > Support for Java: ME, SE and now EE 6
  - > Dynamic languages (PHP, Ruby, Groovy, etc.)
  - > Intuitive workflow
  - > Debugger, Profiler, Refactoring, etc.

- A platform for building applications
  - > RCP = Rich Client Platform
  - > Modular architecture allows easy reuse
  - > Rich framework of windows, menus, tool bars, actions

- A thriving open source community
  - > Large set of 3rd party modules (plug-ins)
  - > Over 20 Million Downloads
  - > Over 100 Partner Companies

NetBeans 6.8 Java EE 6

- Bundled GlassFish v3

- Complete Java EE 6 support
  - > All EE 6 project types
  - > Maven EE 6 support
  - > Web and Full Profile
  - > All Wizards Updated
  - > JSF 2.0 Support
  - > Advanced Wizards:
    - DB to JSF 2.0,
    - Entities to REST generation
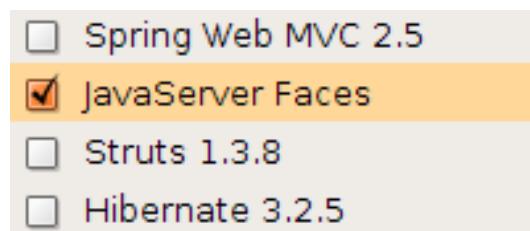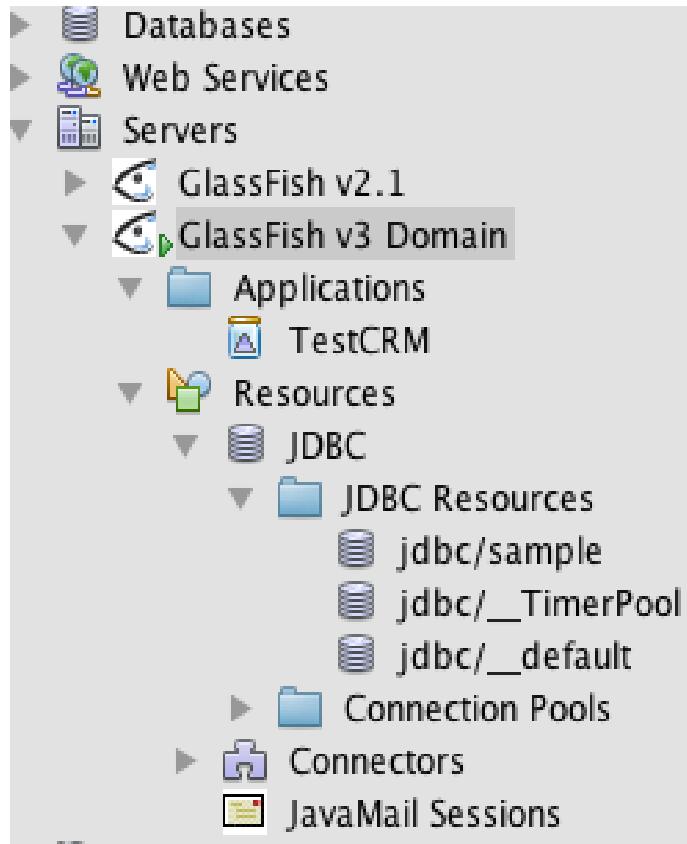
NetBeans 6.8 GlassFish v3

- Local and remote GlassFish servers
- Debugger, Profiler Support
- Deploy On Save
- Session Preservation
- All GlassFish Sun-Resources creation support
- Java EE 6 Javadoc Code Completion

Eclipse Plugin for GlassFish v3

- Standalone Eclipse plugin
  - > Can install on top of Eclipse 3.5.1 via Update Center
  - > **https://ajax.dev.java.net/eclipse**

- Can register **all** servers:
  - > GlassFish v1, v2, v2.1, v3 prelude, and GlassFish v3
  - > Saifin v1 and v2 (Sip Servlet support)

- New Java EE 6 wizards

- Debug, Profile (TPTP on Windows)

- Deploy on Save, Session Preservation

- Java EE 6 Javadoc Code completion

GlassFish Tools Bundle for Eclipse

GlassFish Tools Bundle For Eclipse 1.2

GlassFish Tools Bundle for Eclipse
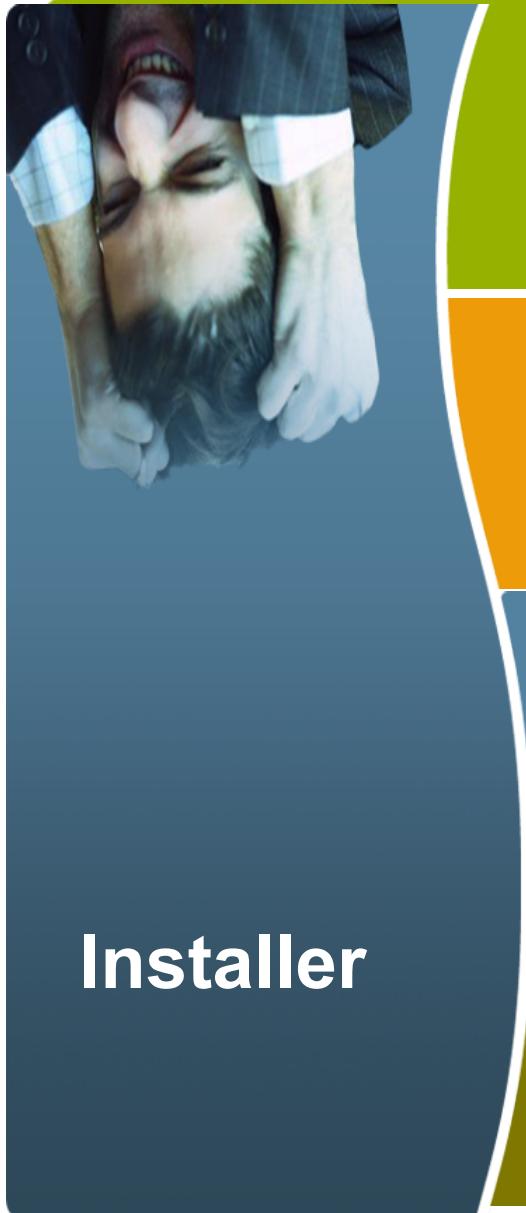
Installer

Eclipse Java EE IDE

GlassFish v3

GlassFish Eclipse Plugins

Registration

Eclipse
User
Workspace:

- v3 domain
- JavaDB config
- Java EE projects
- User settings

GlassFish Tools Bundle for Eclipse

- What is more than the single plugin:

- Single Installer with all preconfigured
  - > MySQL driver, Java DB test Database
  - > All GlassFish Documentation

- Metro WS and Jersey Plugins

- JSF Facelet Plugin

- Maven Plugin
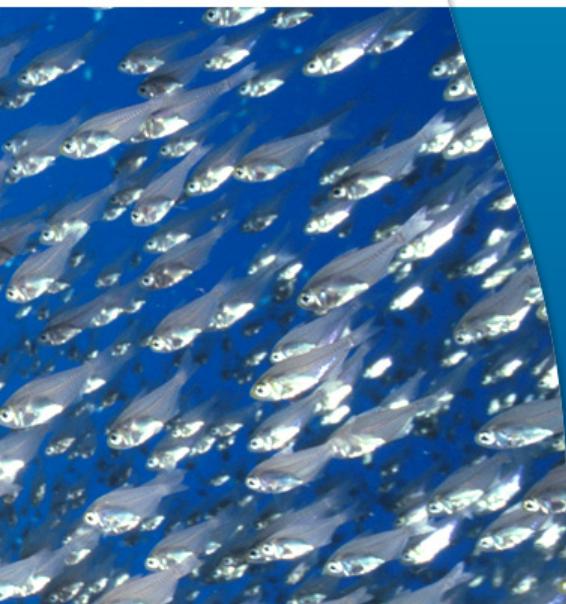
Demo
Java EE 6

Summary

Java EE 6 Tooling

- NetBeans 6.8
- Eclipse GlassFish Plugin
- GlassFish Tool Bundle for Eclipse
- IntelliJ IDEA 9

Resources
Java EE 6 and GlassFish v3 Tooling

- Java EE 6 Home

  java.sun.com/javaee

- Java EE 6 Downloads

  java.sun.com/javaee/downloads

- Upcoming Training

  java.sun.com/javaee/support/training

Java EE 6

- NetBeans 6.8

  www.netbeans.org

- Eclipse plugin

  ajax.dev.java.net/eclipse

- Eclipse Bundle

  glassfishplugins.dev.java.net

- Download:

  download.java.net/glassfish/eclipse

Java EE 6 Tooling

Q&A and Thank You!

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