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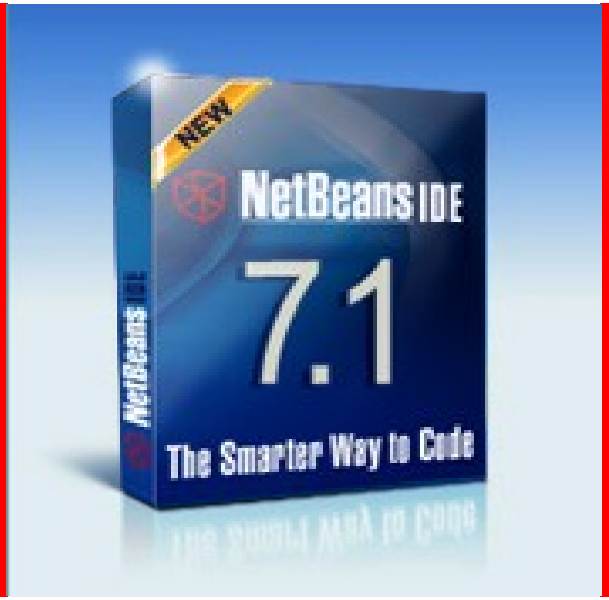

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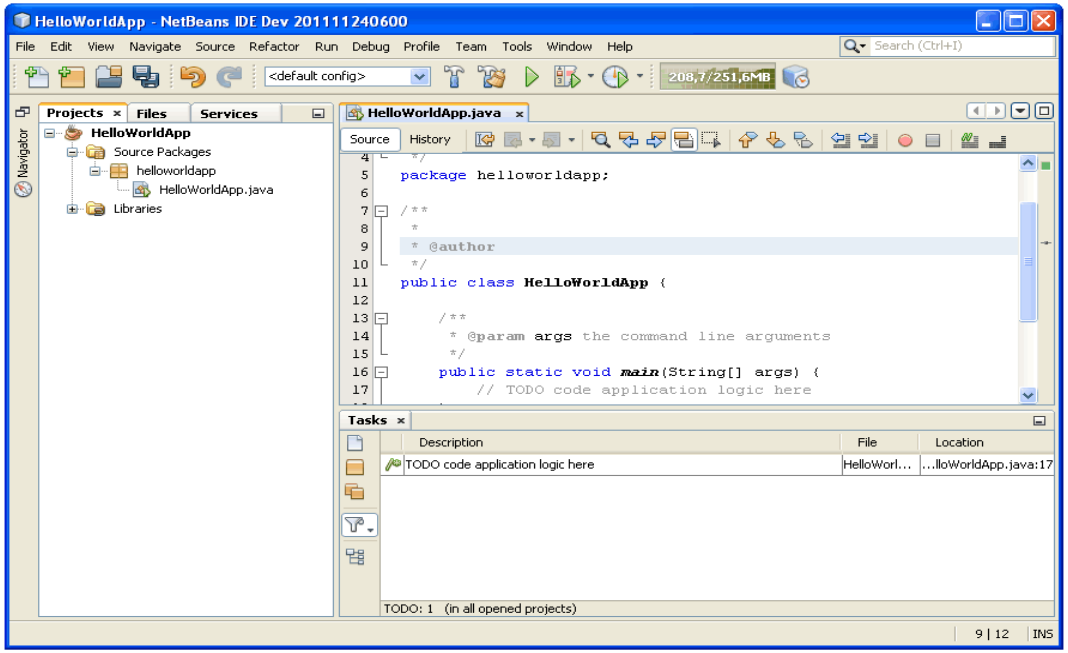
What's New in NetBeans IDE 7.1

Name
Title

The following is intended to outline our general product direction. It is intended for information purposes only, and may not be incorporated into any contract. It is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions.
The development, release, and timing of any features or functionality described for Oracle's products remains at the sole discretion of Oracle.

What is NetBeans?

- A comprehensive, modular IDE
  - Ready to use out of the box
  - Support for latest Java specifications & standards
  - Other languages too (PHP, C/C++, etc)
  - Intuitive workflow
  - Debugger, Profiler, Refactoring, etc.
  - Binaries & ZIPs for Solaris, Linux, Windows, Mac

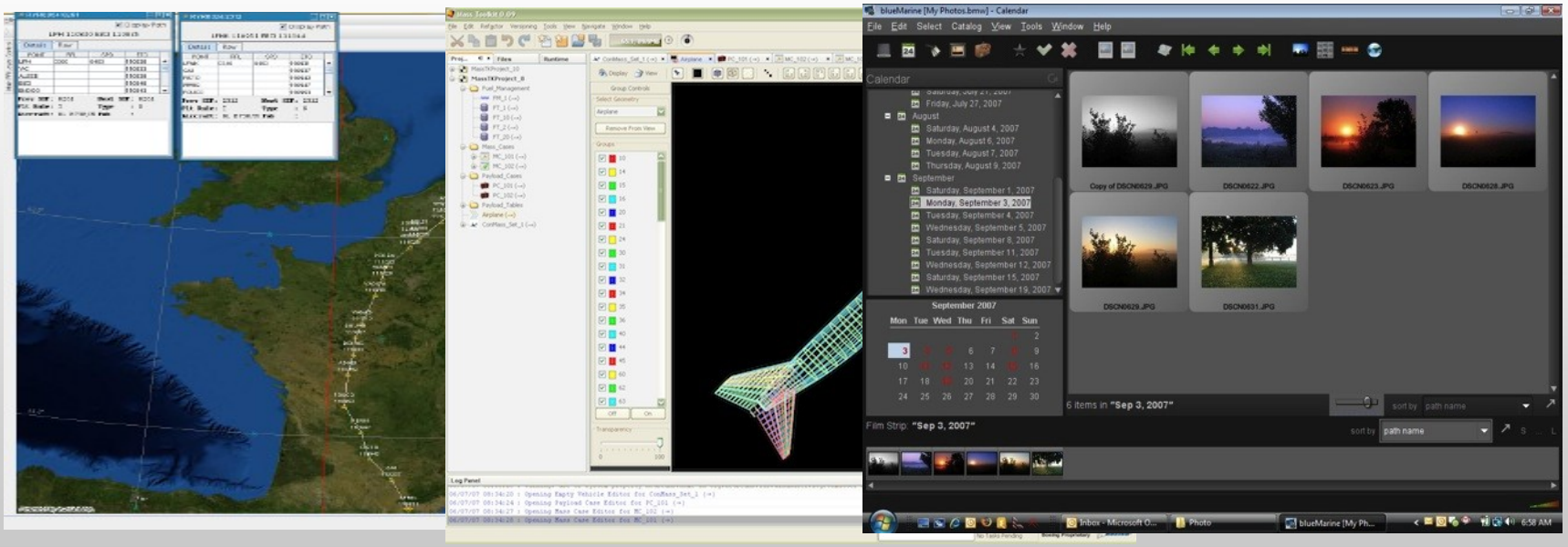


- Simply download and run on any OS with a JDK!

What is NetBeans?

What is NetBeans?

- A framework for building desktop applications
  - Modular, pluggable, architecture allows easy reuse
  - Rich framework of windows, dialogs, menus, toolbars



What is NetBeans?

A Thriving Open Source Community

Growing list of 3rd party modules (plug-ins)

Over 20 Million Downloads

Active blogging community

Available in many languages

Why use NetBeans?

Increase Development Productivity

Works Out-of-the-box

Freely Available

Open Source

Support for Java Standards & Platforms

Extensible Java Desktop Framework

Powerful, Award Winning GUI Builder

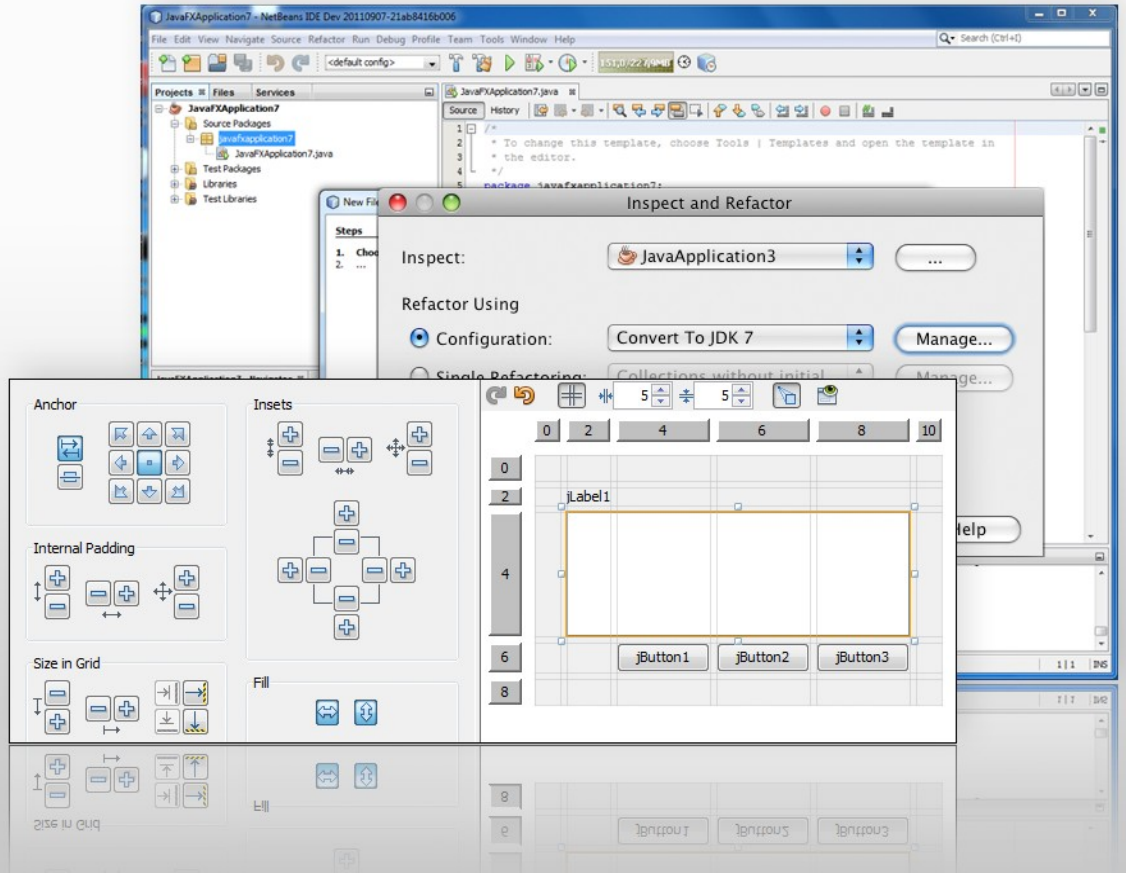
Profiling & Debugging Tools

Ant & Maven Based Projects

Customizable Projects

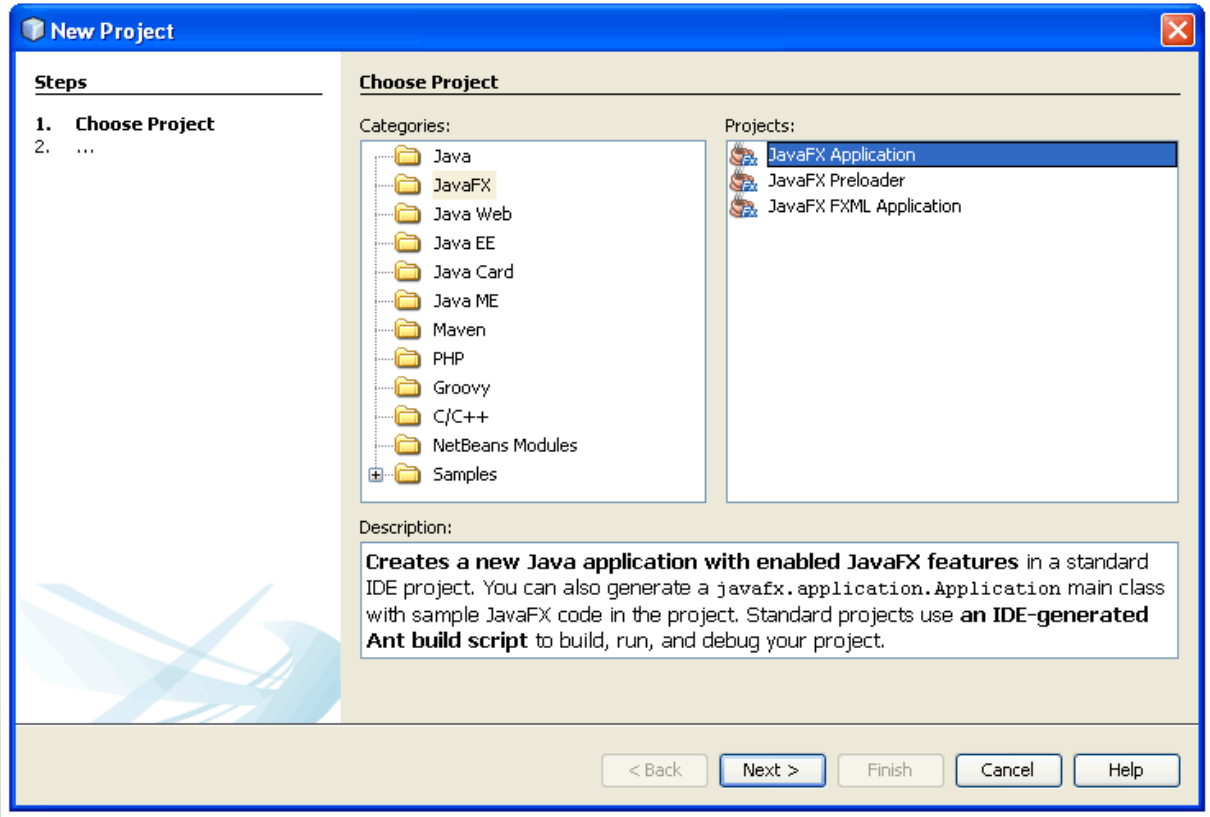
About NetBeans IDE 7.1

- Support for JavaFX 2
  - full compile/debug/profile development cycle
- Many Enhancements
  - Java Editor
  - Swing & JavaFX GUI Debugger
  - Java EE
  - Versioning & Bug Tracking
  - Maven, PHP, CSS
  - And More



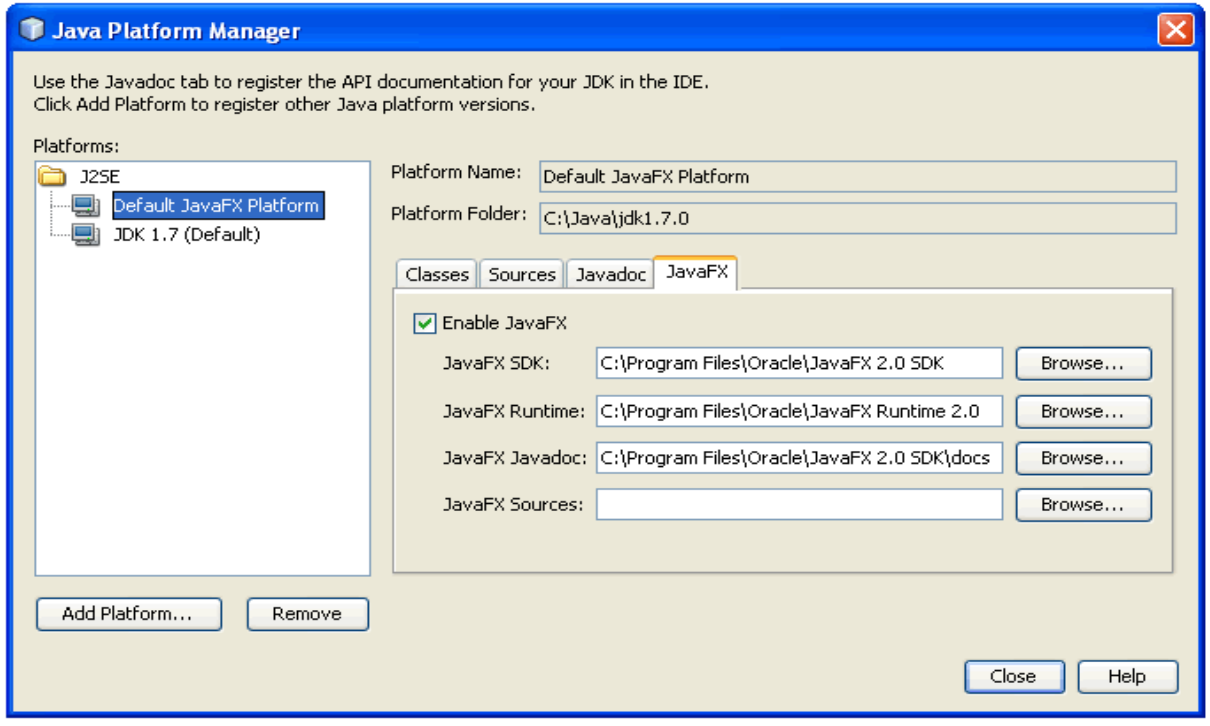
Support for JavaFX 2

- Create, edit, debug, profile, deploy
- Project template for new JavaFX projects
- Quickly get started
- Many samples



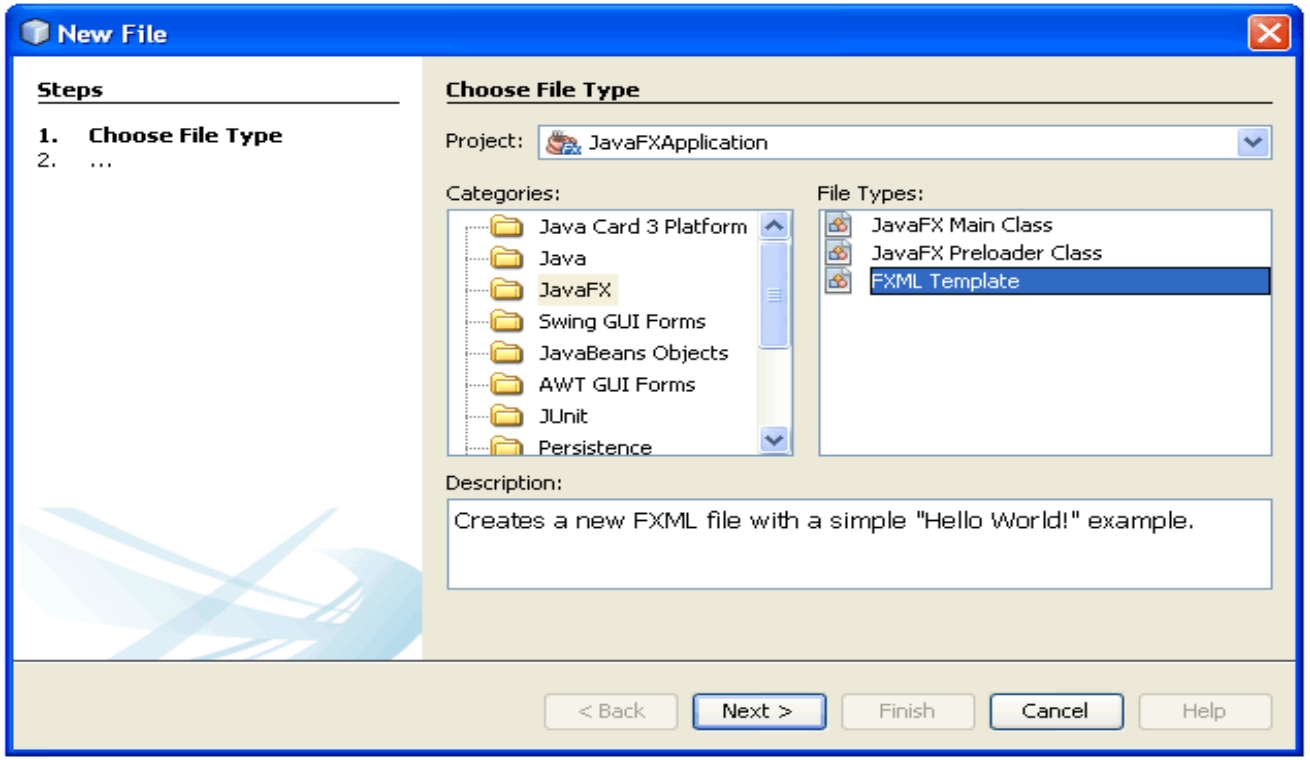
Support for JavaFX 2

- Automatic JavaFX registration when new project is created
- Registration tool for JavaFX platform and supporting artifacts



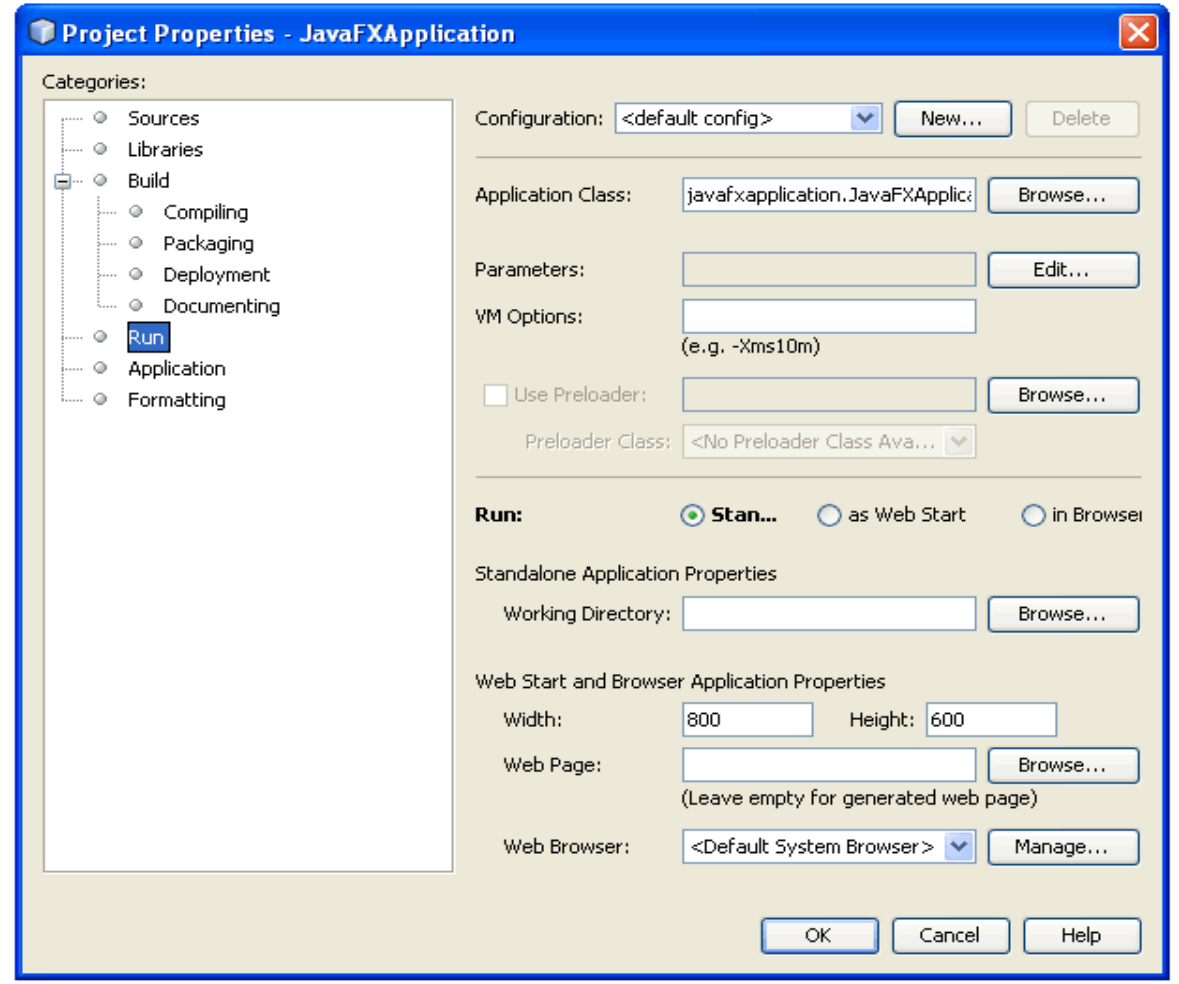
Support for JavaFX 2

- Templates for creating new Java and FXML files
- Samples illustrating JavaFX features



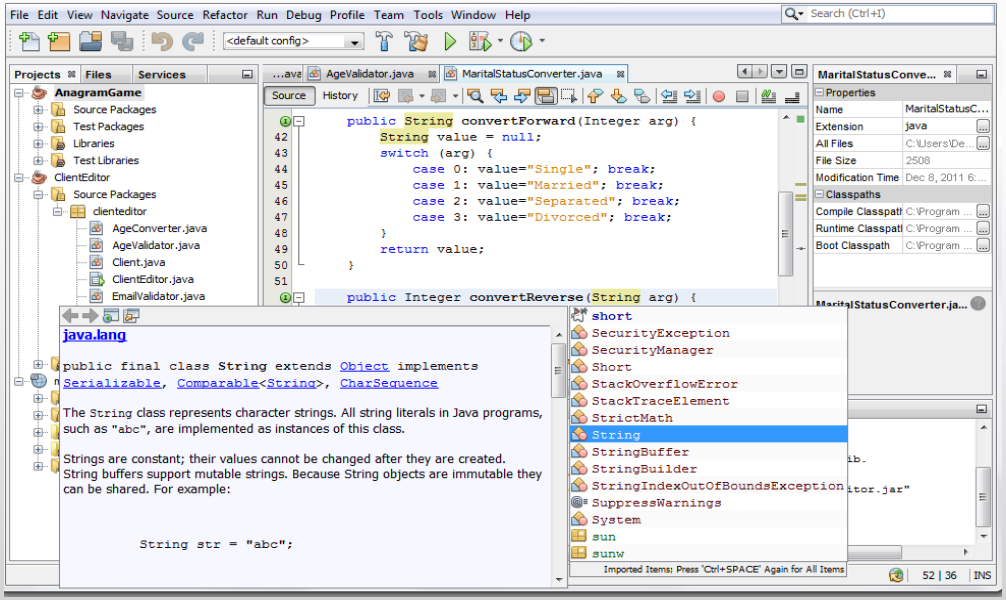
Support for JavaFX 2

- Deployment tools
  - Standalone
  - Java Web Start
  - Applet



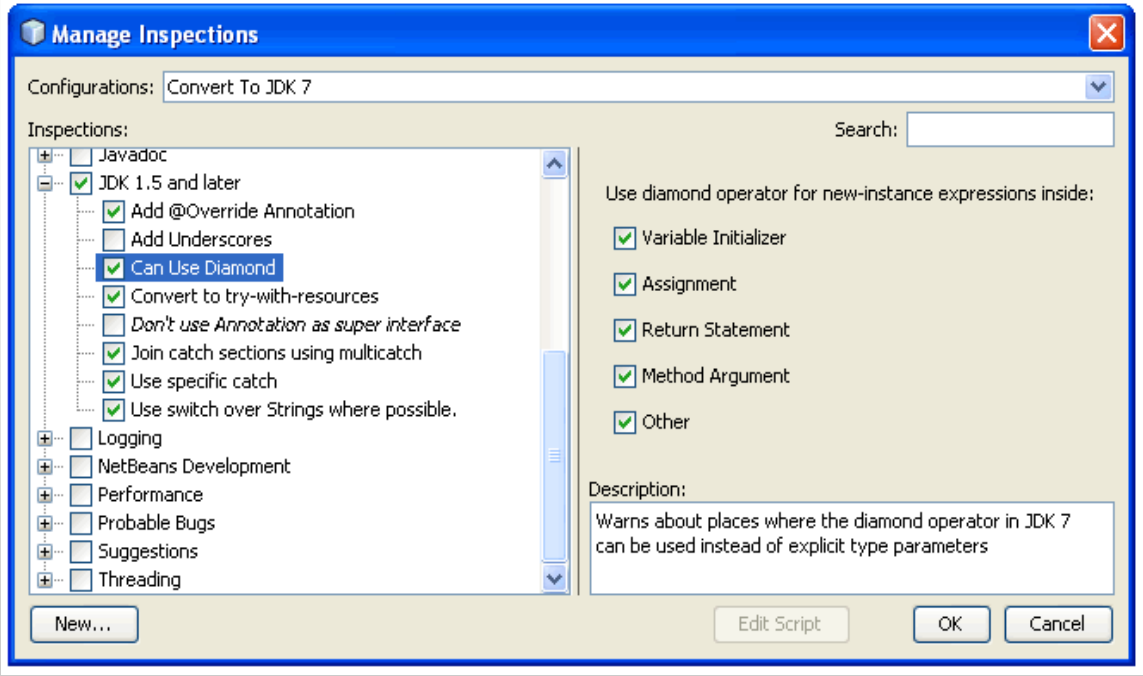
About the NetBeans Java Editor

- The main feature of NetBeans IDE
- Developed in close co-operation with Java SE Team in Sun and in Oracle
- First editor to support Java 7 & JavaFX 2.0
- “javac” is our parser all language features always in sync with the Java language



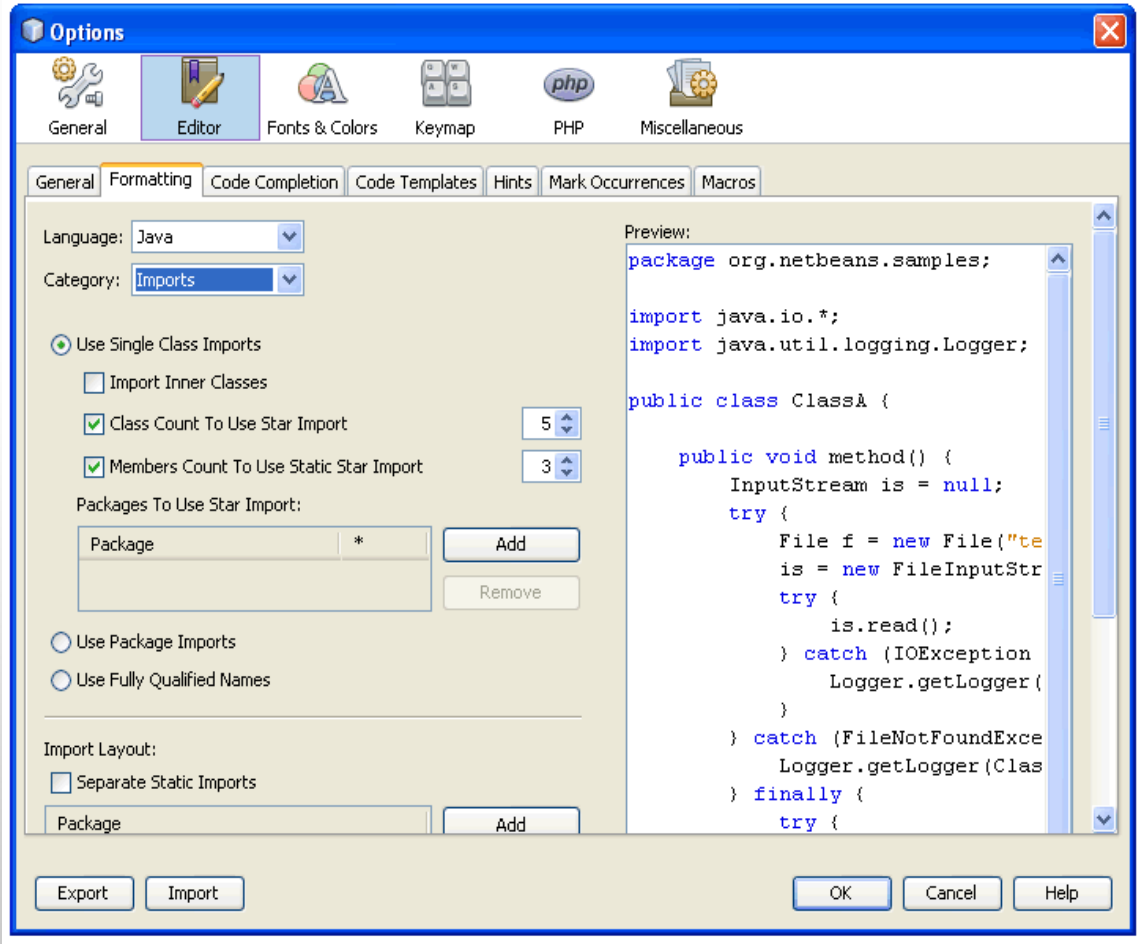
New in the NetBeans Java Editor

- Batch Refactoring
  - Fix problems across packages and projects
  - Upgrade projects completely to JDK 7
  - Customized scopes for refactoring
  - Expression language for defining rules



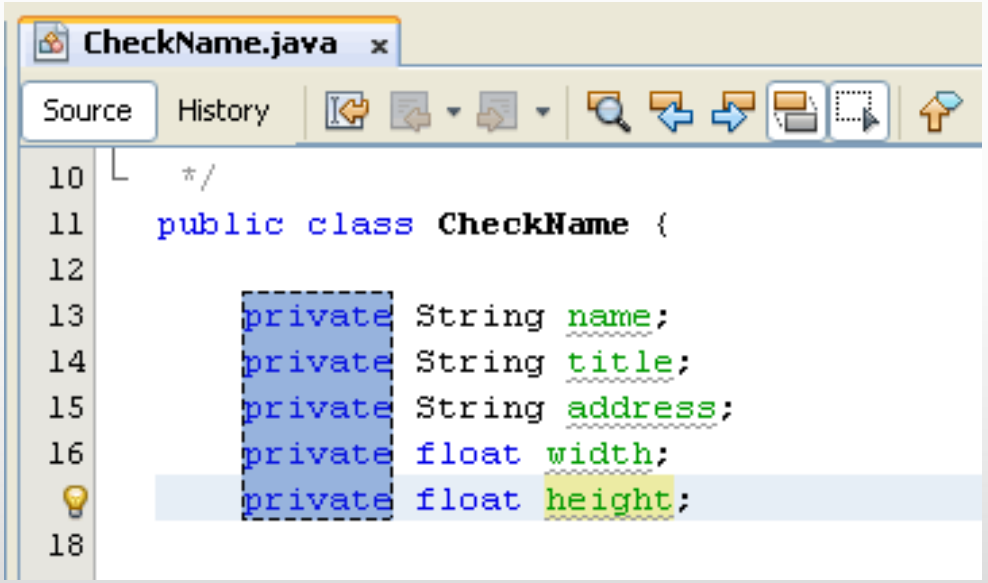
New in the NetBeans Java Editor

- Import Statement Organizer
  - Centralized tool for managing import statements
  - Neatened section of import statements at top of Java class
  - Hints & tips within Java Editor



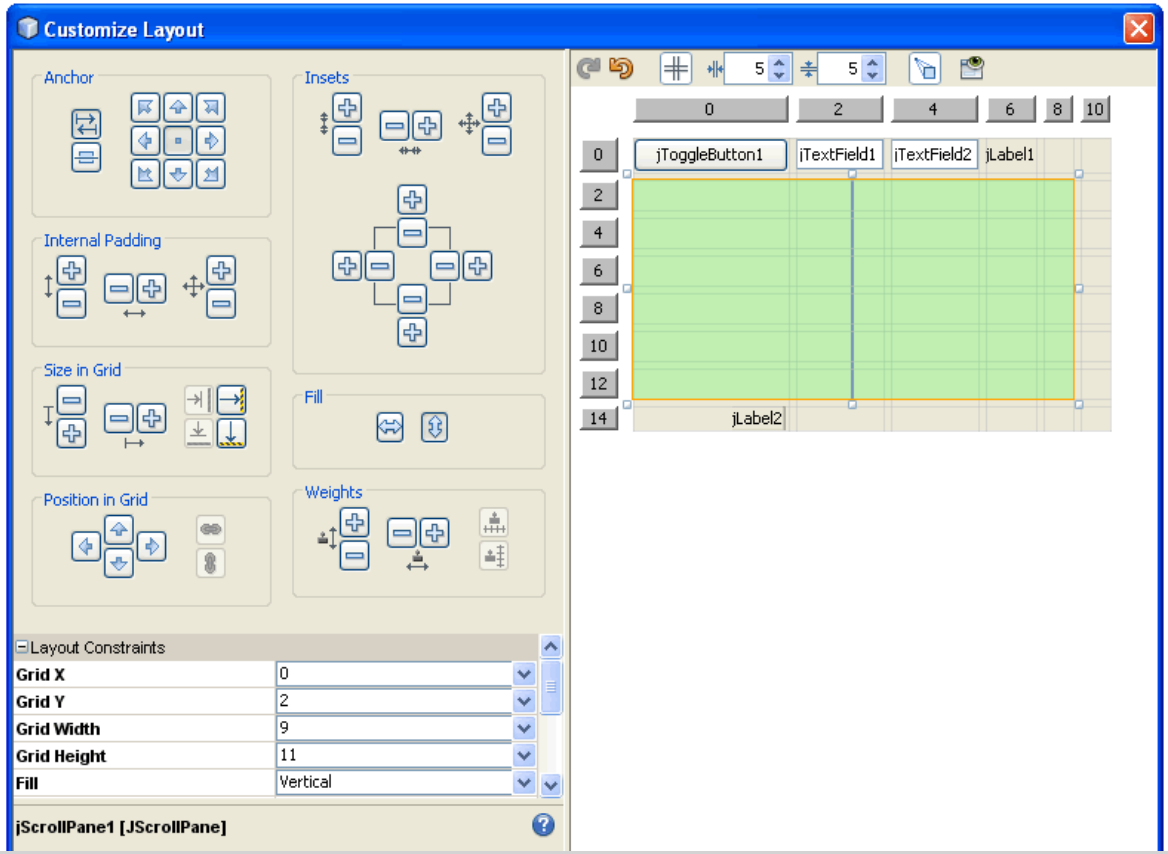
New in the NetBeans Java Editor

- Rectangular Block Selection
  - One-click toggle button for selecting code blocks across multiple lines
  - Scenarios:
    - Delete rectangular block
    - In-place editing
    - Cut/Copy/Paste
    - Move up/down



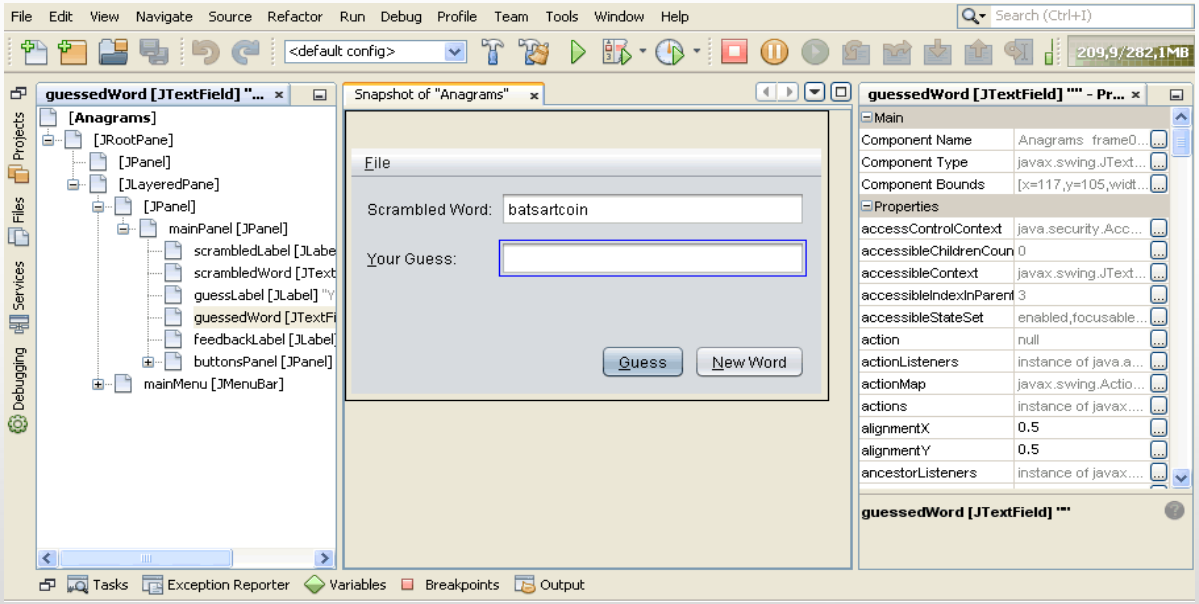
New in the NetBeans Java Editor

- Improved GridBagLayout editing capabilities
  - Visually maintain gaps between components
  - Visual marking for components, gaps, and insets



New in the NetBeans Java Editor

- Visual debugger for Java FX & Swing
  - New tool takes screenshots of GUI
  - Select & analyze components
  - Examine:
    - component hierarchy
    - currently attached listeners
    - newly attached logging listeners

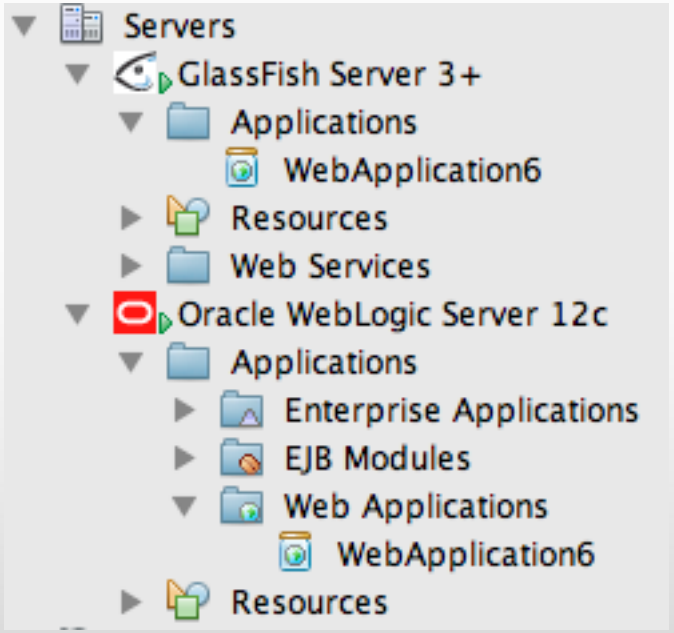


New in the NetBeans Java Editor

- Other Java Editor Enhancements
  - Getters & Setters included in field refactoring
  - Finely tuned search feature
  - New Find & Replace bar integrated in Java Editor
  - Javadoc highlighter & formatter added
  - New hints & tips in editor

About NetBeans Java EE Support

- Developed in co-operation with GlassFish Team and WebLogic Team
- Best-in-breed GlassFish integration, strong support for WebLogic and other servers
- Support for standards, e.g., Java EE 6
- Ready to use out of the box



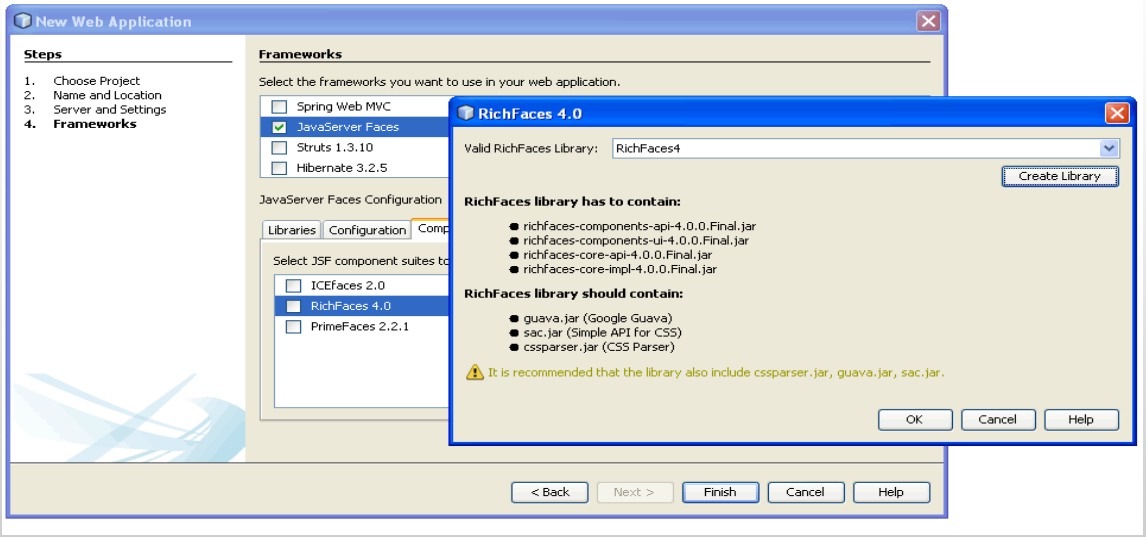
New in NetBeans Java EE Support

- GlassFish 3.1.1
  WebLogic 12c

- New JSF
  Component Support
  - RichFaces 4
  - IceFaces 2

- Smarter code
  completion for
  JPA and Spring

- CDI Features



About Miscellaneous Enhancements

NetBeans

- Versioning & Bug Tracking
- Maven
- CSS
- PHP

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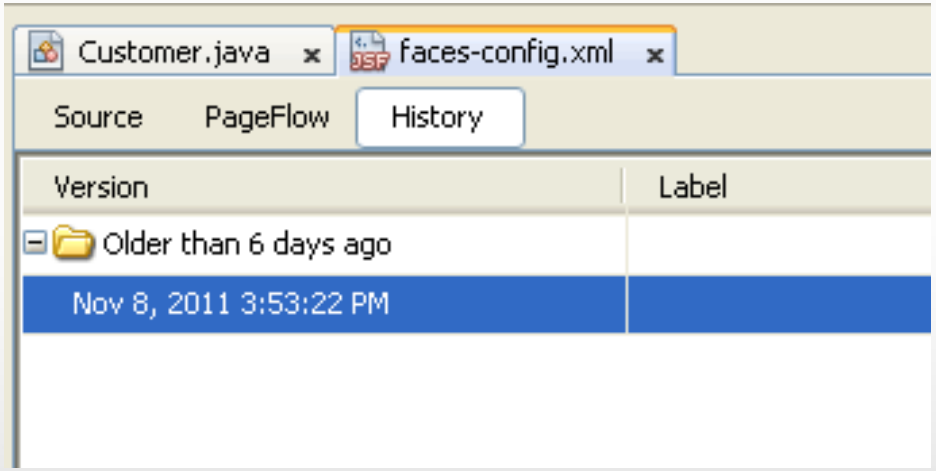
Versioning & Bug Tracking

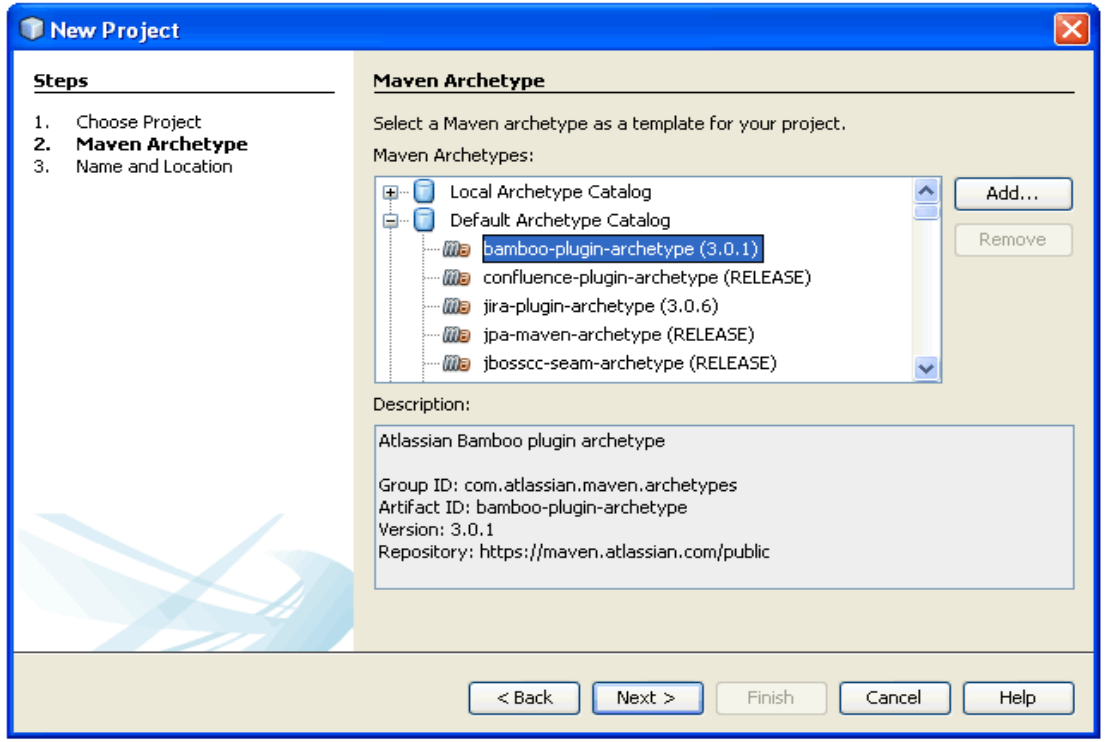
- Bundled Git support
- Shelve feature for Subversion & Mercurial
- Local History tab inside all NetBeans editors



- Branching & tagging enhanced
- API for registering additional versioning systems

Maven

- Industry leading Maven support
- Native integration, templates, hints, guidelines, and tips
- Enhancements in many areas
  - code completion
  - dependency resolution
  - repository management

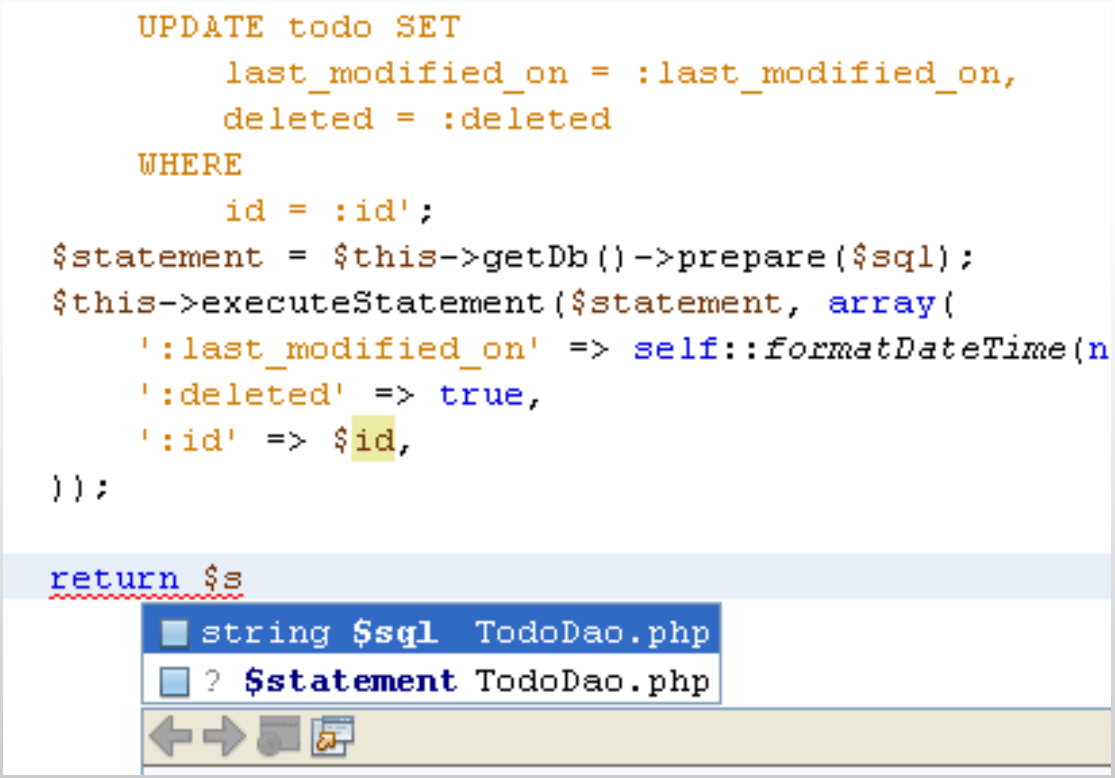


CSS

- Support for CSS3
- Code completion and documentation for new properties and values
- Support for browser-specific properties
- Extensible to allow code completion for specific CSS3 extensions

PHP

- Smart method parameter completion
- Enhanced code completion for try/catch
- Smarty templates support
- Improved (S)FTP client



Next Steps

1. Download Netbeans IDE

2. Create a user account

3. Participate in NetBeans community

4. Blog about NetBeans

Resources:

- NetBeans product site: http://netbeans.org
- NetBeans wiki: http://wiki.netbeans.org
- NetBeans blog aggregation: http://planetnetbeans.org

Thank You!

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