

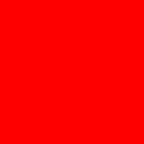
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What's New in NetBeans IDE 7.1

Name
Title

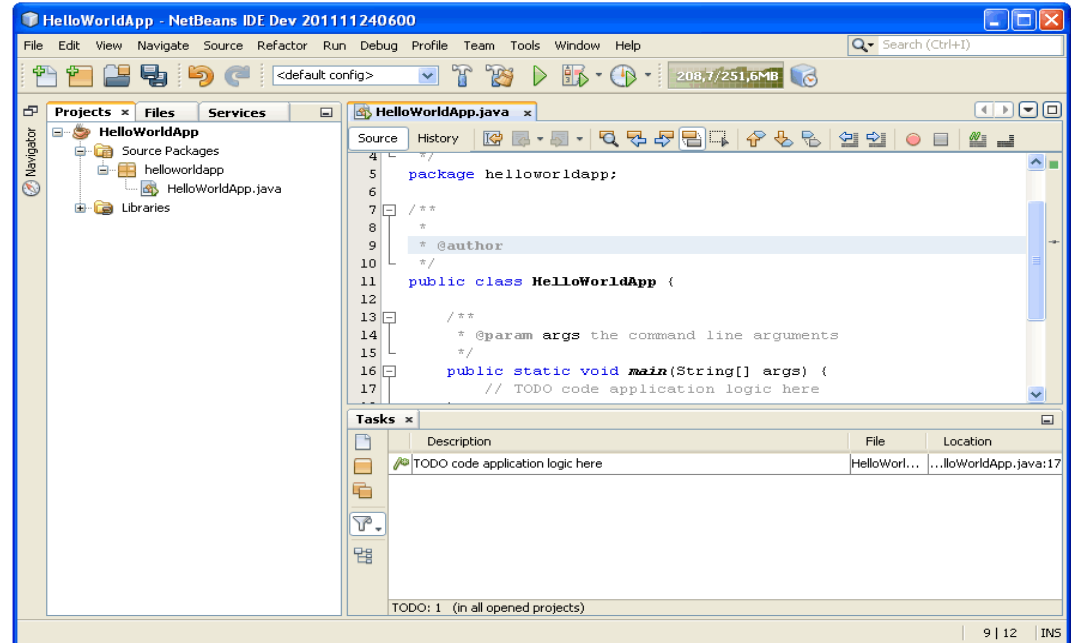


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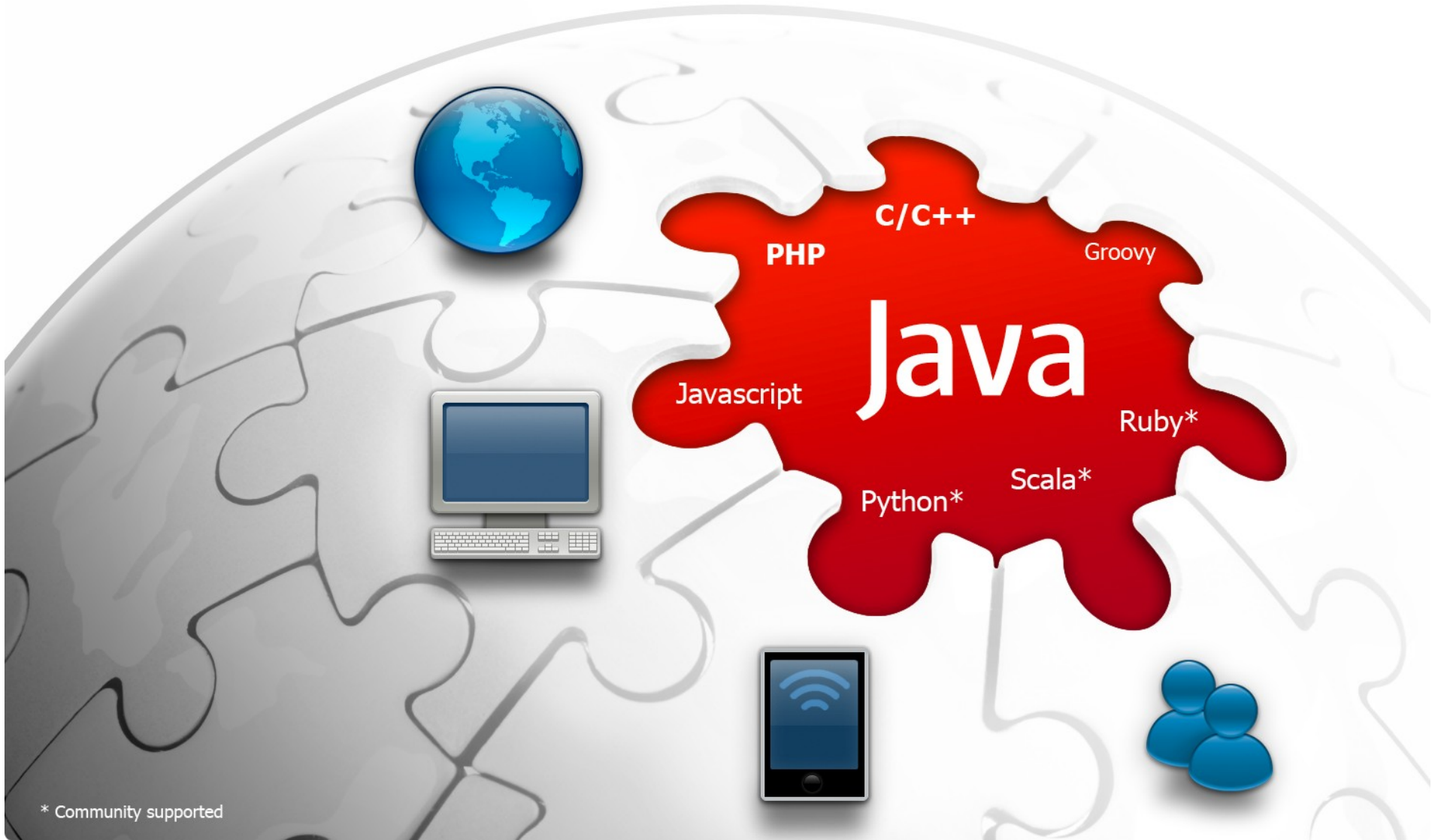
What is NetBeans?



- 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?

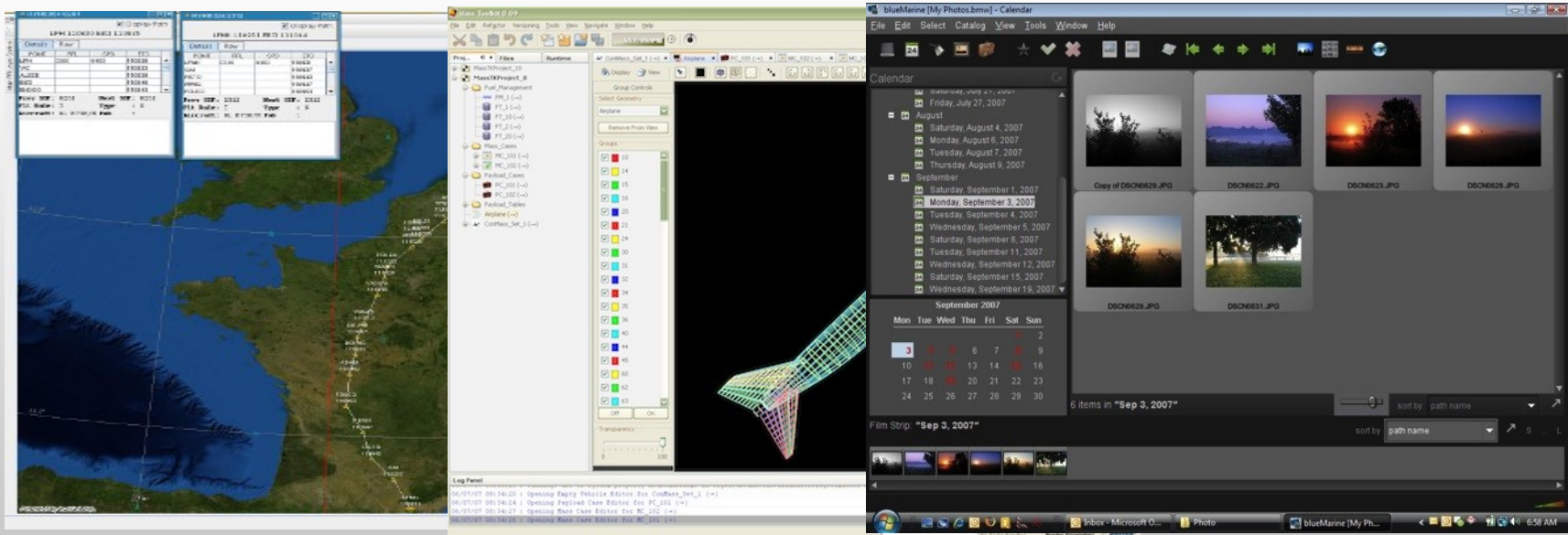


* Community supported

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

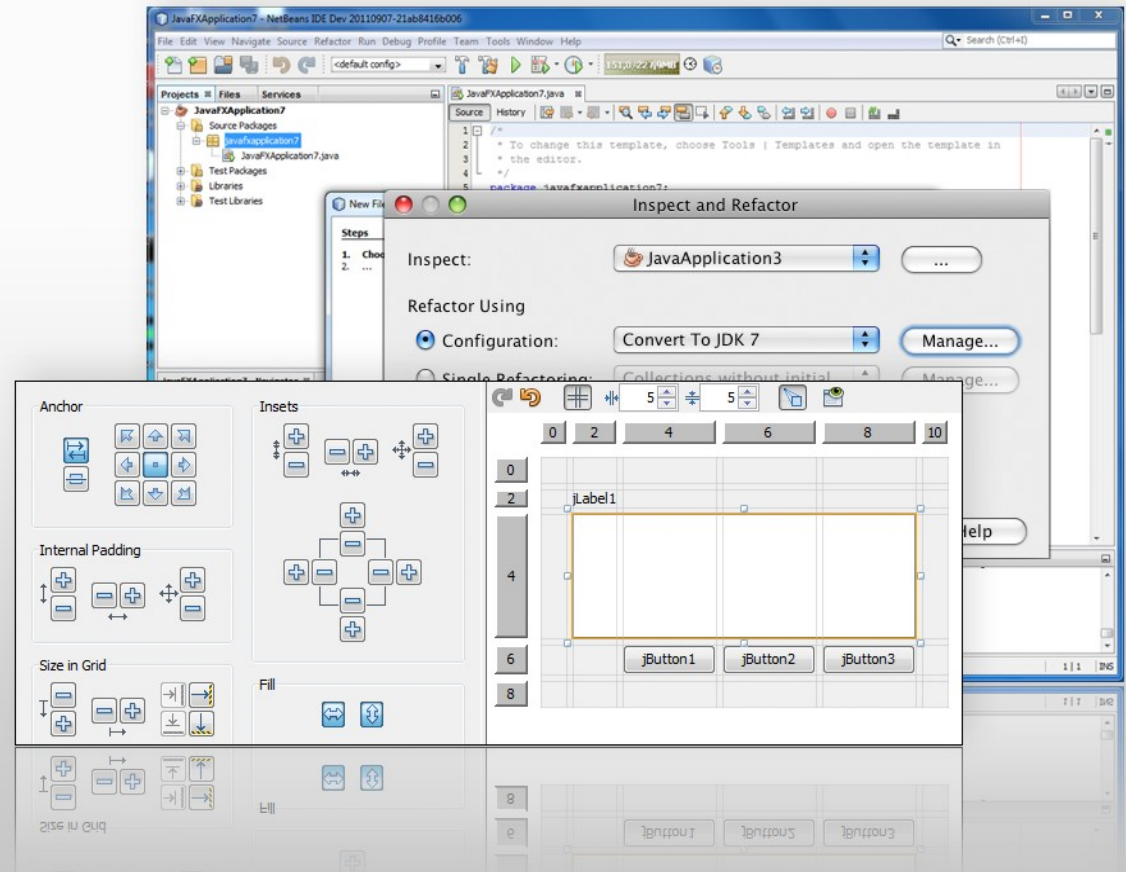
Customizable Projects



About NetBeans IDE 7.1



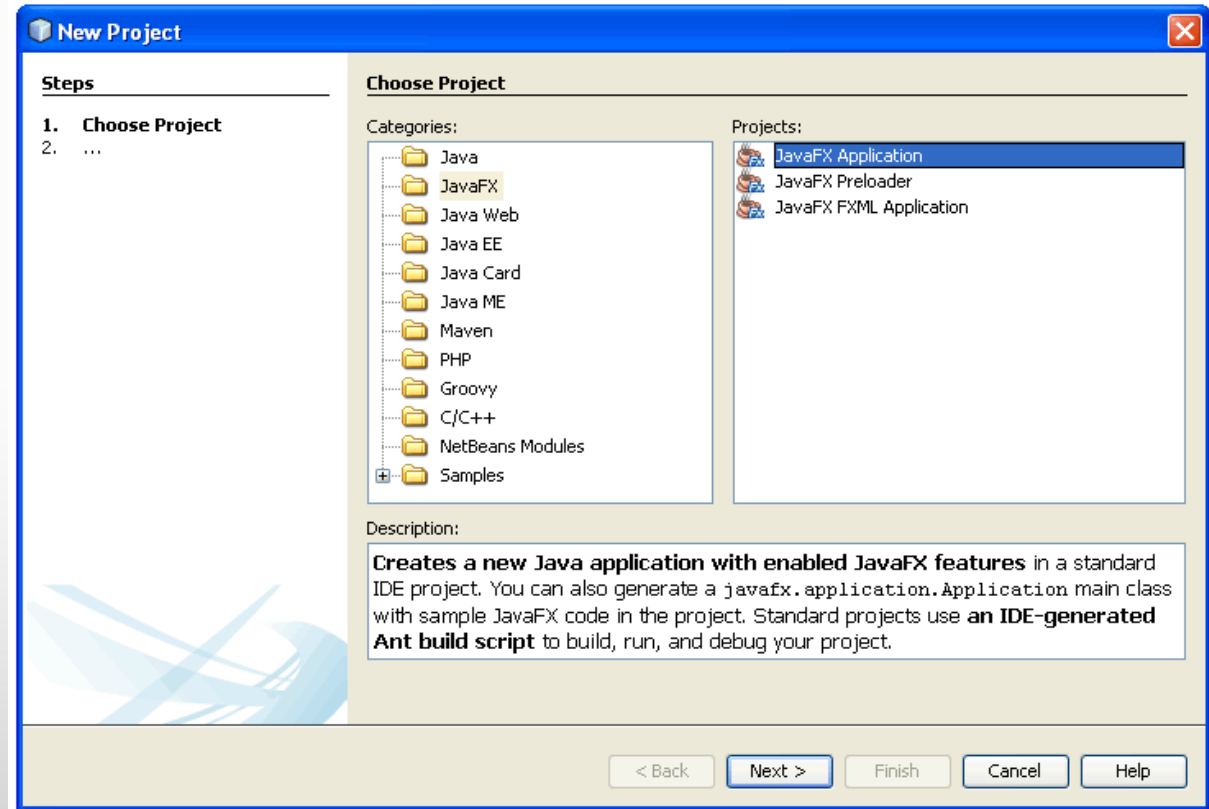
- Support for JavaFX 2
 - full compile/debug/profile development cycle
- Many Enhancements
 - Java Editor
 - Swing & JavaFX GUI Debugger
 - Java EE
 - Versioning & Bug Tracking
 - Maven, PHP, CSS
 - And More



Support for JavaFX 2



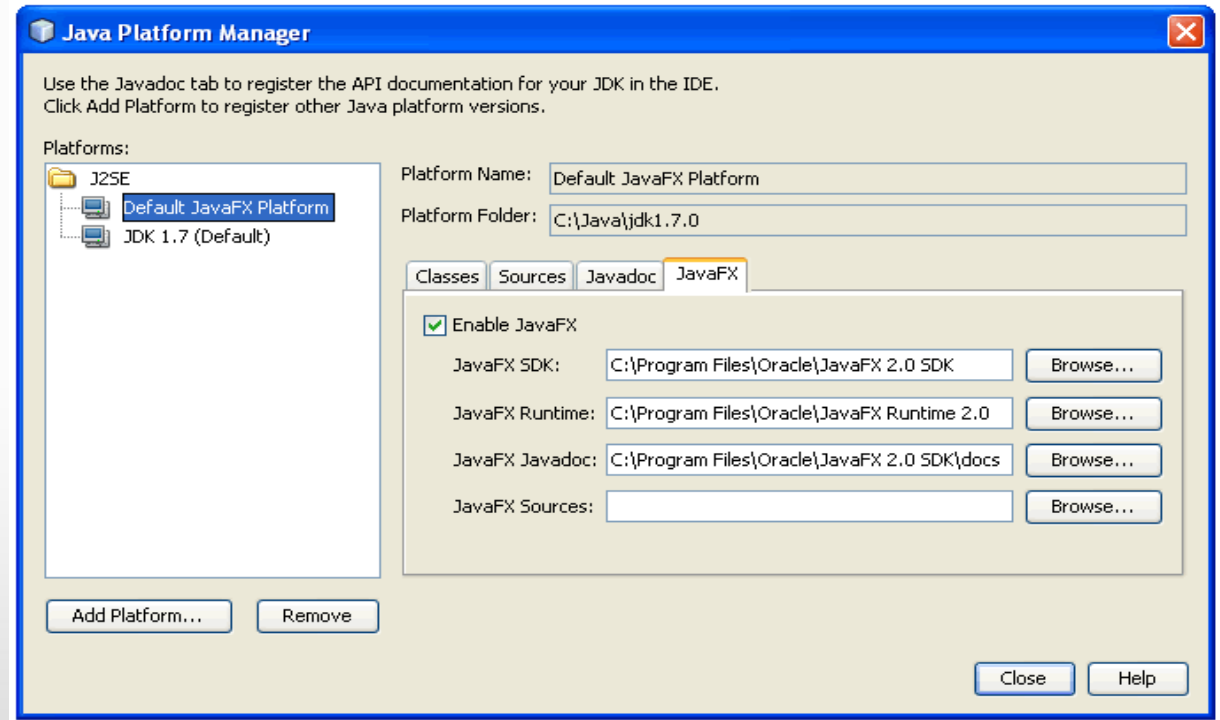
- Create, edit, debug, profile, deploy
- Project template for new JavaFX projects
- Quickly get started
- Many samples



Support for JavaFX 2



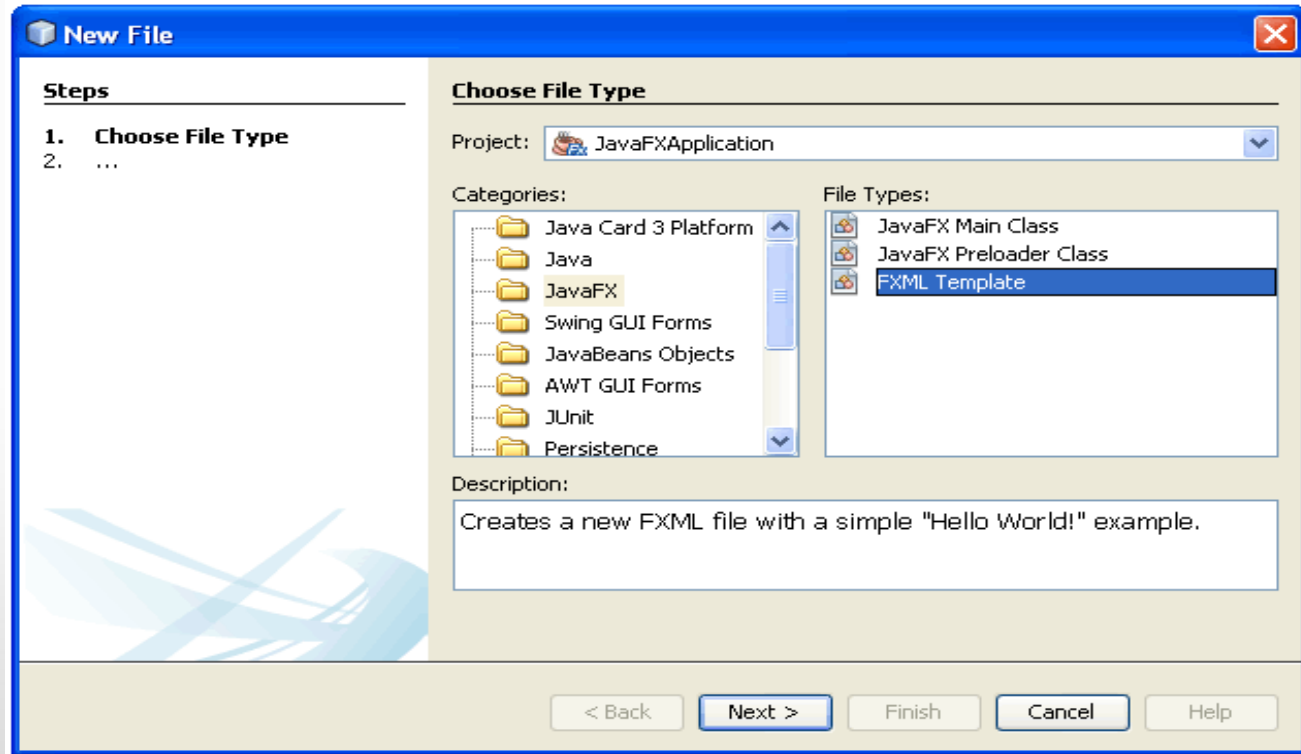
- Automatic JavaFX registration when new project is created
- Registration tool for JavaFX platform and supporting artifacts



Support for JavaFX 2



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



Support for JavaFX 2

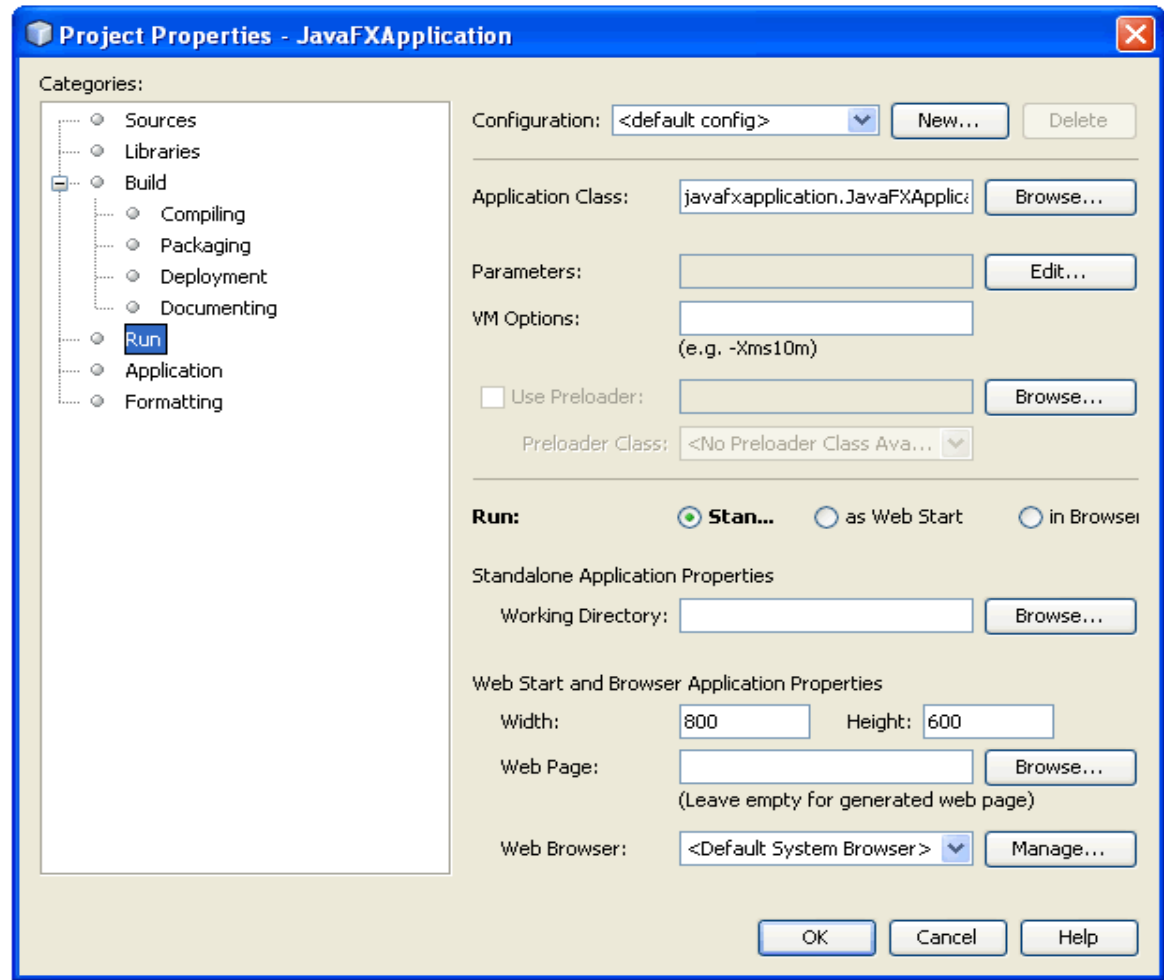


- Deployment tools

- Standalone

- Java Web Start

- Applet



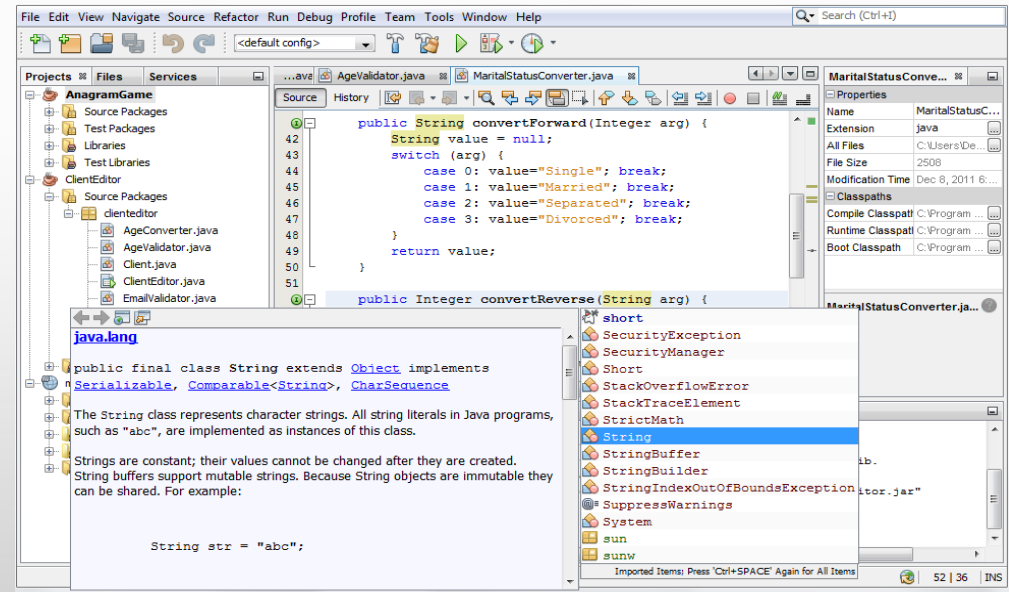
About the NetBeans Java Editor



- 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

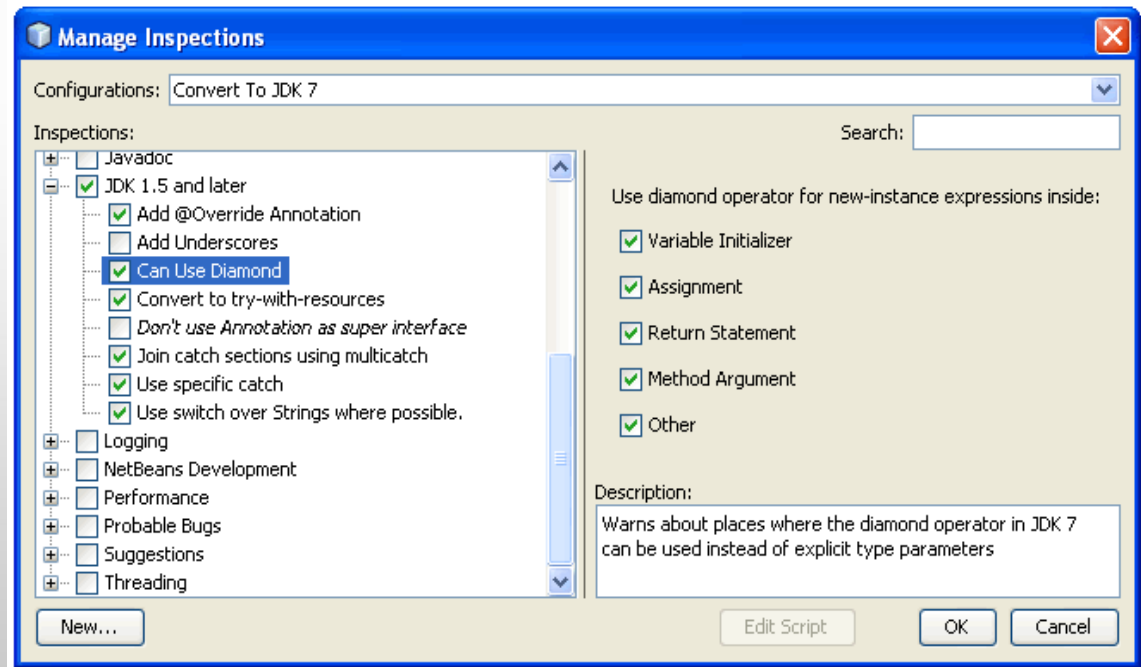
- “javac” is our parser all language features always in sync with the Java language



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

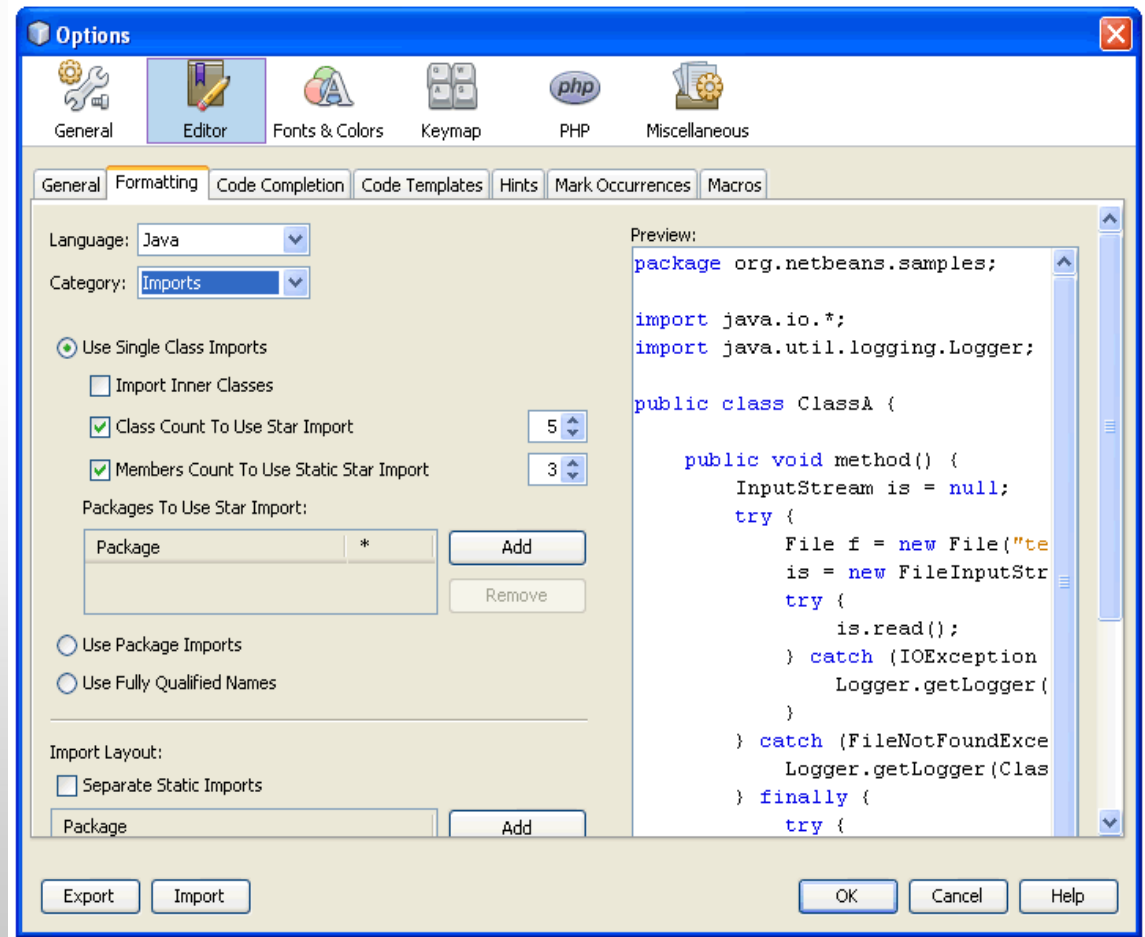


New in the NetBeans Java Editor



- Import Statement Organizer

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

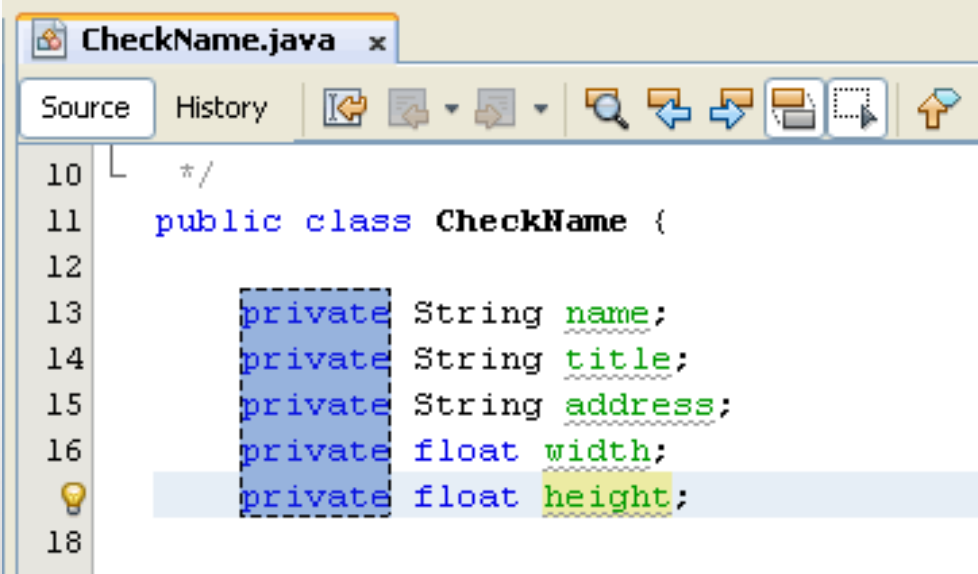


- Rectangular Block Selection

- One-click toggle button for selecting code blocks across multiple lines

- Scenarios:

- Delete rectangular block
- In-place editing
- Cut/Copy/Paste
- Move up/down



The screenshot shows the NetBeans Java Editor interface for a file named 'CheckName.java'. The editor window has a toolbar with various icons, including a rectangular selection icon. The code in the editor is as follows:

```
10  L  */
11      public class CheckName {
12
13          private String name;
14          private String title;
15          private String address;
16          private float width;
17          private float height;
18
```

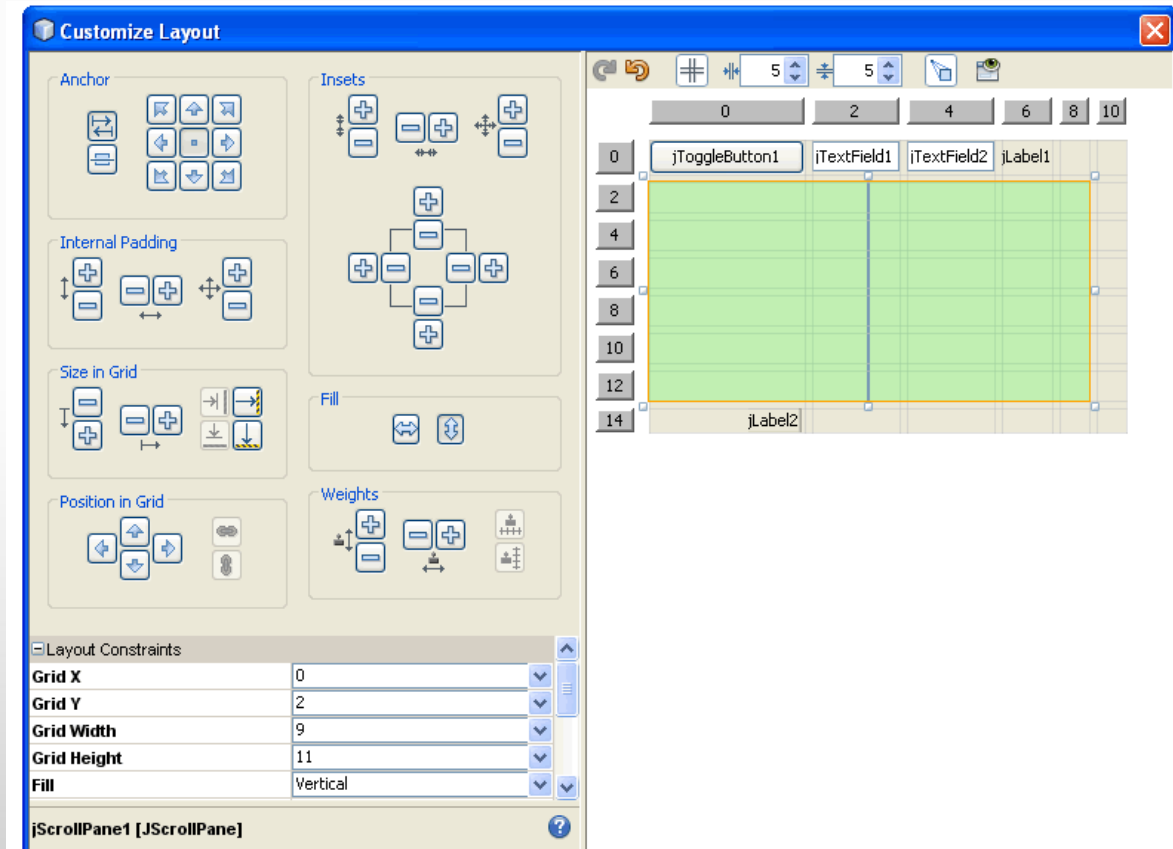
A dashed rectangular box highlights the code block from line 13 to line 17, demonstrating the rectangular block selection feature. The code is color-coded: 'private' is blue, 'String' is green, and the variable names are green. The line numbers 10 through 18 are visible on the left side of the editor.

New in the NetBeans Java Editor



- Improved GridBagLayout editing capabilities

- Visually maintain gaps between components
- Visual marking for components, gaps, and insets



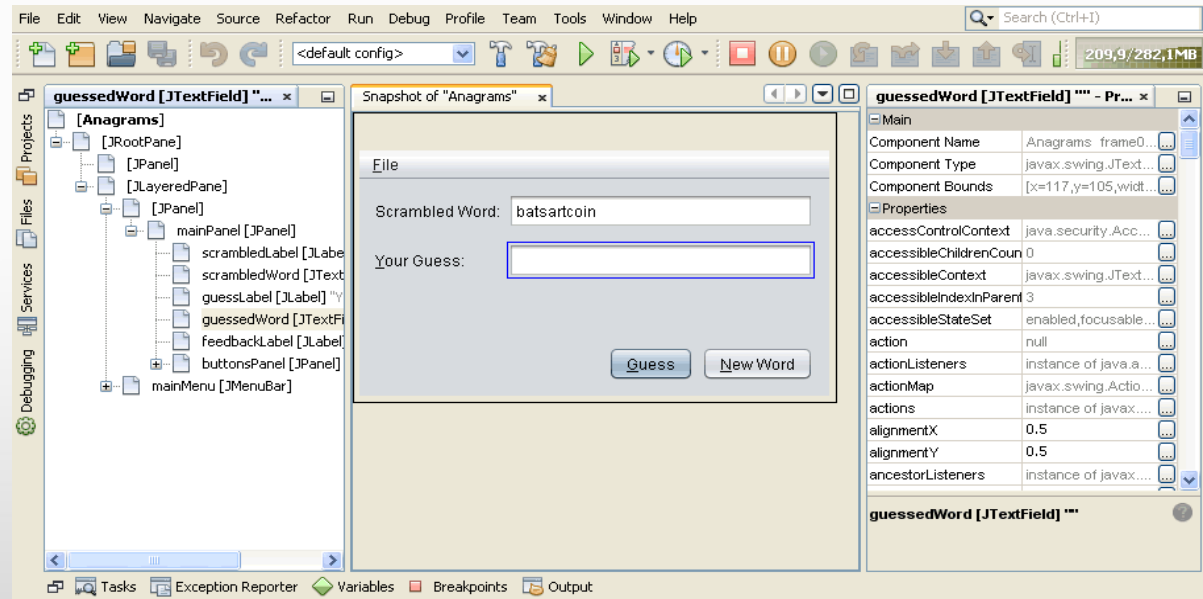
- Visual debugger for Java FX & Swing

- New tool takes screenshots of GUI

- Select & analyze components

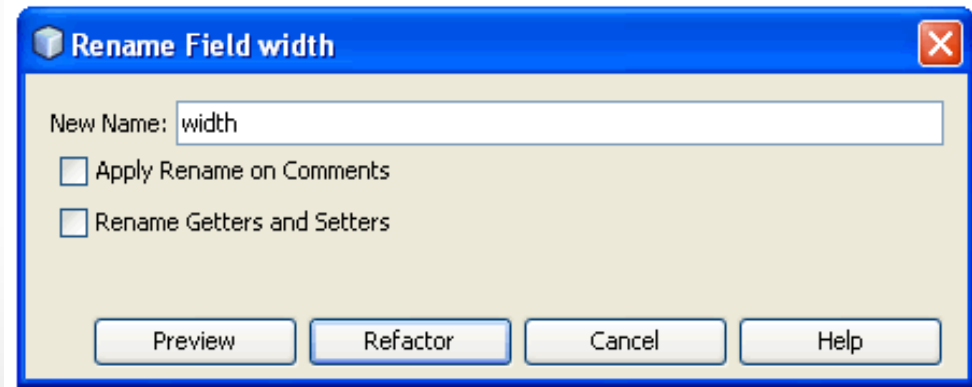
- Examine:

- component hierarchy
 - currently attached listeners
 - newly attached logging listeners



- Other Java Editor Enhancements

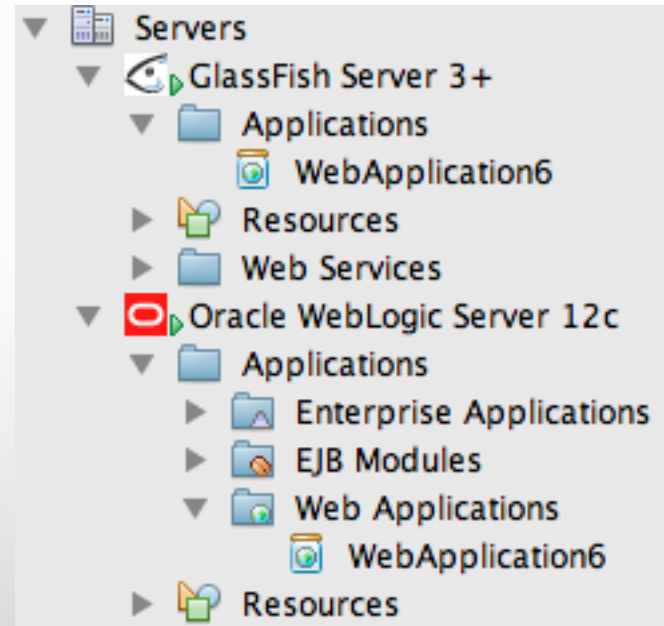
- Getters & Setters included in field refactoring
- Finely tuned search feature
- New Find & Replace bar integrated in Java Editor
- Javadoc highlighter & formatter added
- New hints & tips in editor



About NetBeans Java EE Support



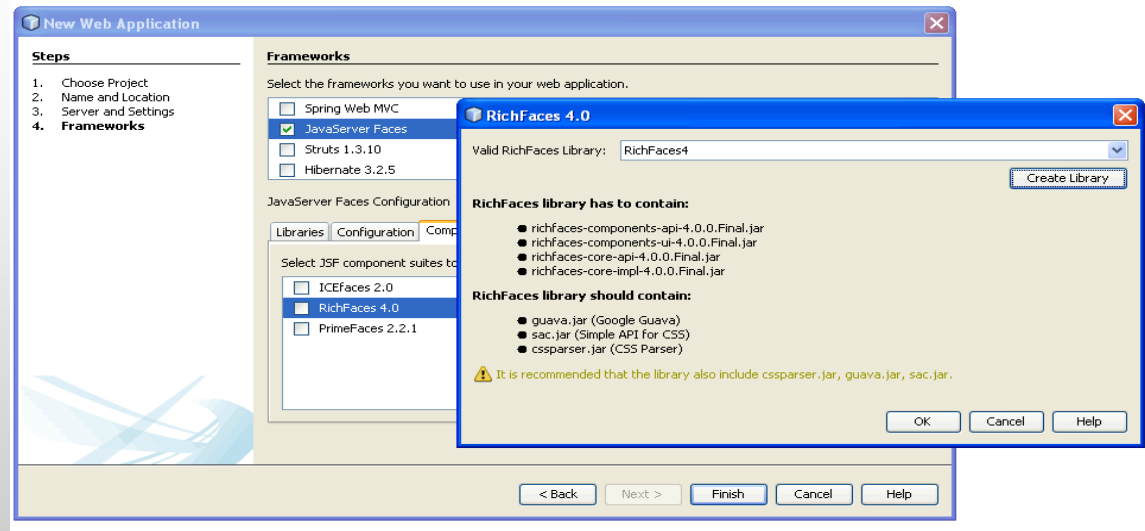
- Developed in co-operation with GlassFish Team and WebLogic Team
- Best-in-breed GlassFish integration, strong support for WebLogic and other servers
- Support for standards, e.g., Java EE 6
- Ready to use out of the box



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

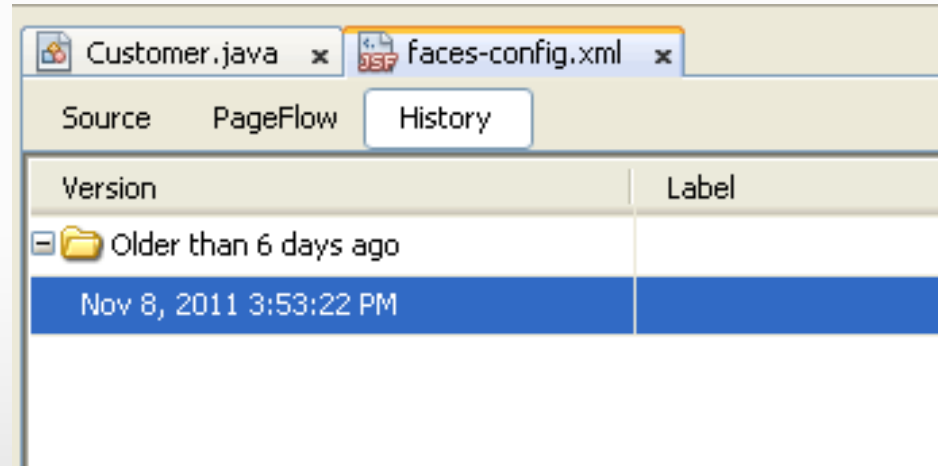


- Versioning & Bug Tracking
- Maven
- CSS
- PHP

Versioning & Bug Tracking



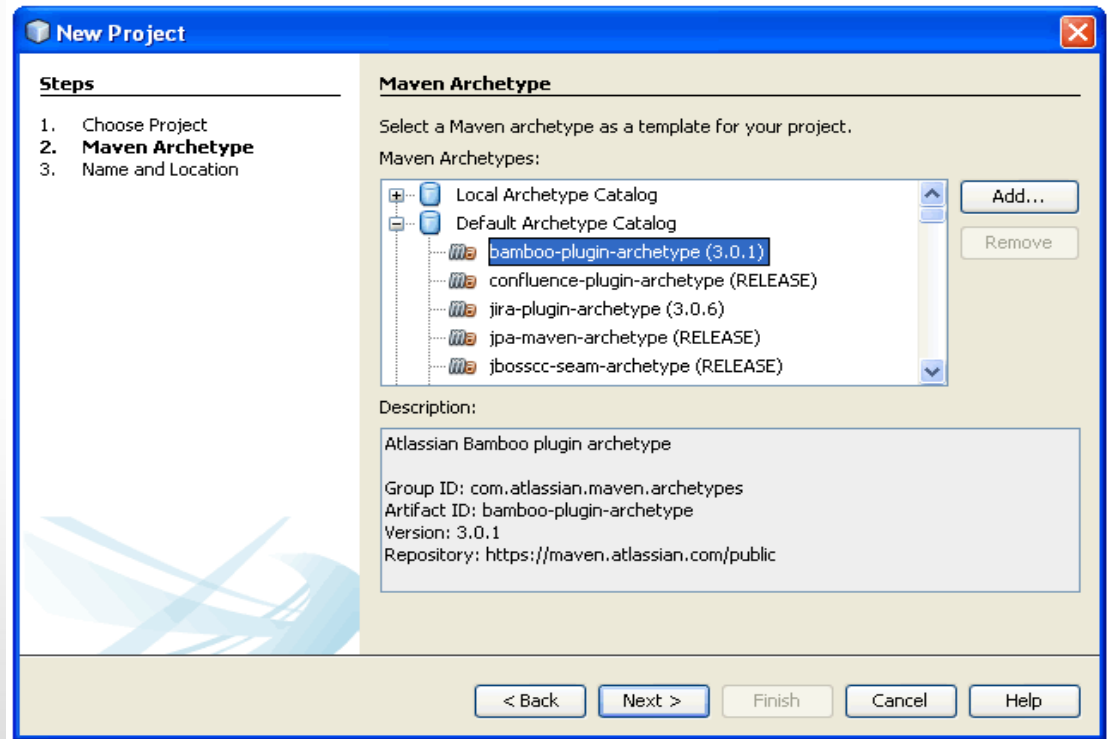
- Bundled Git support
- Shelf feature for Subversion & Mercurial
- Local History tab inside all NetBeans editors
- Branching & tagging enhanced
- API for registering additional versioning systems



Maven



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



- 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

- Smart method parameter completion

- Enhanced code completion for try/catch

- Smarty templates support

- Improved (S)FTP client

```

UPDATE todo SET
    last_modified_on = :last_modified_on,
    deleted = :deleted
WHERE
    id = :id';
$stmtement = $this->getDb()->prepare($sql);
$this->executeStatement($statement, array(
    ':last_modified_on' => self::formatDateTime(n
    ':deleted' => true,
    ':id' => $id,
));

```

return \$s

string \$sql	TodoDao.php
? \$statement	TodoDao.php

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!

SOFTWARE. HARDWARE. COMPLETE.

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