JavaOne™

JavaOne™

NetBeans Community Day

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The NetBeans Community

AROUND

1.2 MILLION

ACTIVE USERS AND GROWING!

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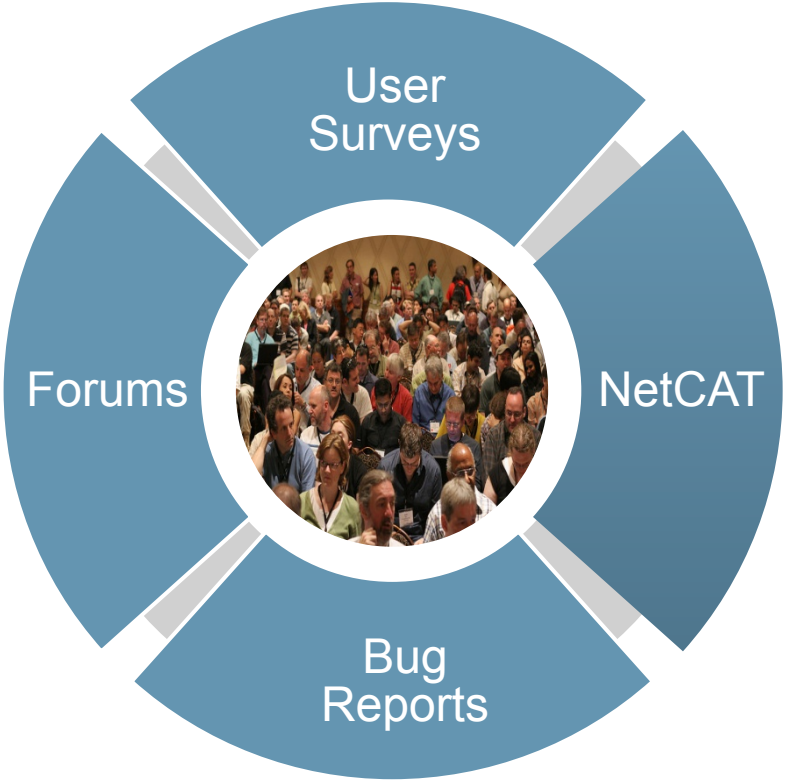
Engaging With The Community

NetBeans

Highlights

- Over 3000 cumulative respondents for NetBeans IDE 7.0 and NetBeans IDE 7.1 User Satisfaction Surveys
- Nearly 7000 bugs filed by members of the NetCAT community acceptance program across multiple releases
- Over 35,000 number of forum posts in the last year and a half



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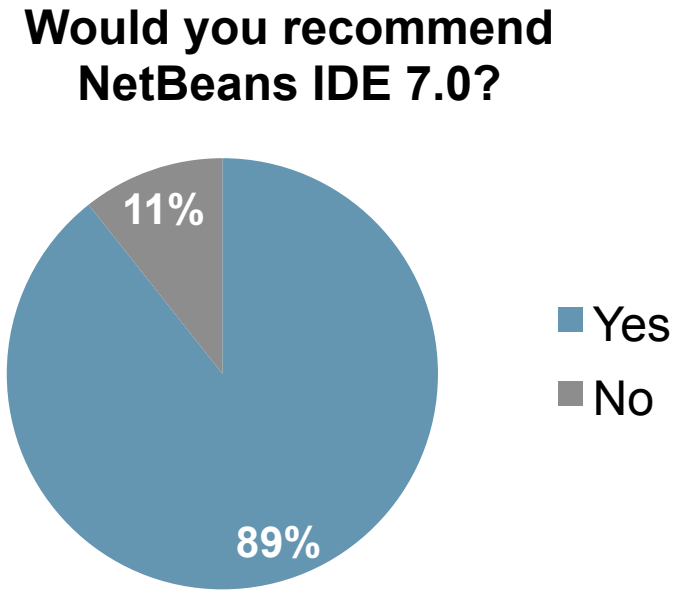
JavaOne ORACLE

NetBeans IDE 7.0 User Satisfaction Survey

Highlights

- 854 responses
- Survey focused on 7.0 key features
  - **JDK 7** support
  - **Maven** support
  - **Java EE** support
  - **PHP** support



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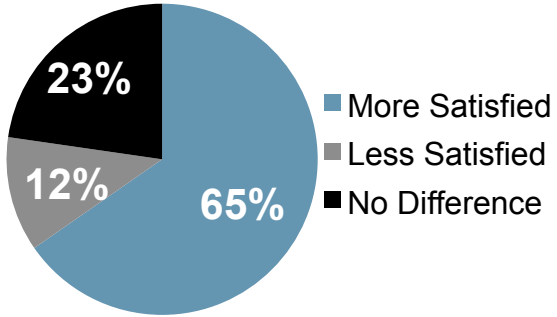
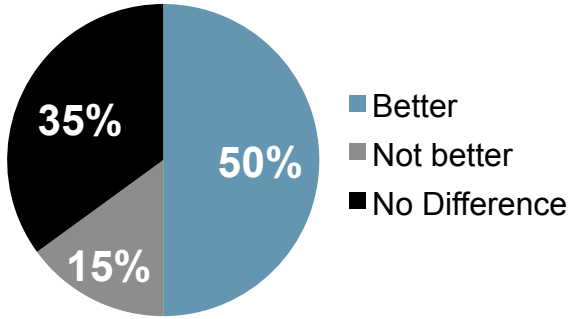
NetBeans IDE 7.0 User Satisfaction Survey

Ample room for improvement in overall satisfaction, especially with performance!

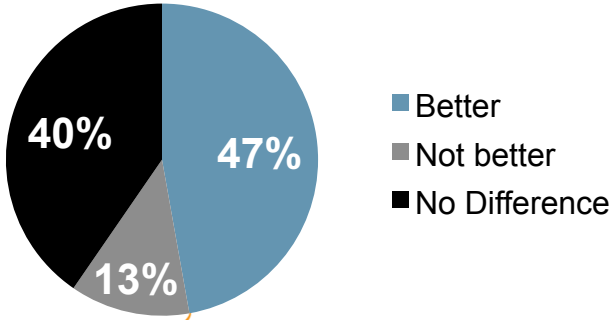
Satisfaction compared to previous versions



"Warm up time" compared to previous versions



Editor performance compared to previous versions



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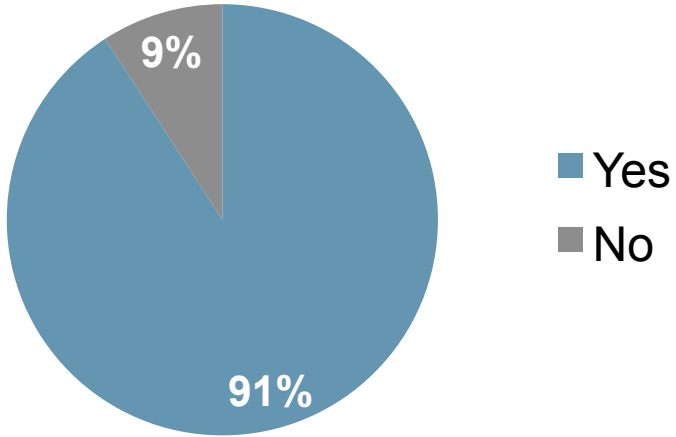
NetBeans IDE 7.1 User Satisfaction Survey

Highlights

- 2196 responses
- Survey focused on 7.1 key features
  - **JavaFX** support
  - **Java Editor** support
  - **Java EE** support
  - **Maven** support
  - **PHP** support

Would you recommend NetBeans IDE 7.1?



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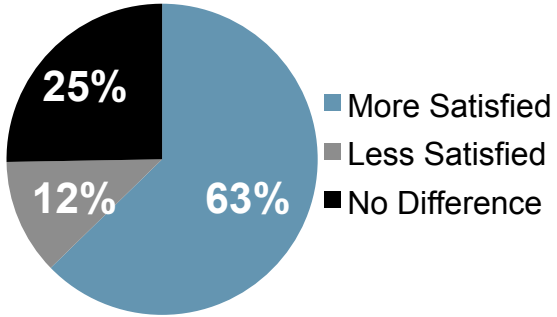
NetBeans IDE 7.1 User Satisfaction Survey

Lesser regression in performance compared to earlier releases, but still a lot of room for improvement in overall satisfaction, especially with performance!

Satisfaction compared to previous versions



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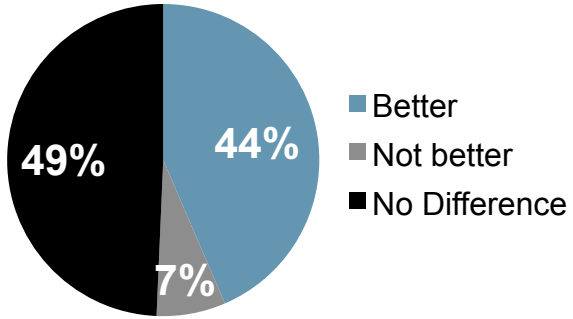
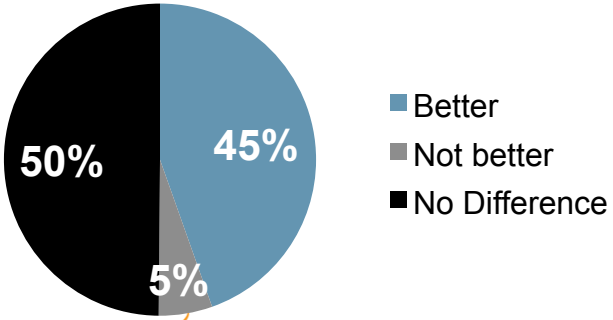


Editor performance compared to previous versions



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You Spoke, We Listened!

- SIGNIFICANTLY IMPROVED PERFORMANCE
- SMARTER PROJECT SCANNING
- NEW STATIC CODE ANALYSIS
- UPDATES TO JAVA EE, PHP, GROOVY AND MORE…

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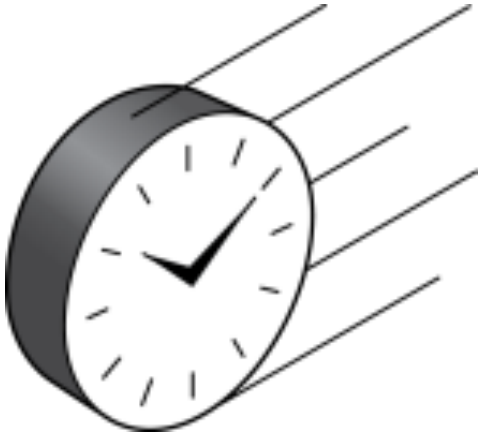
NetBeans IDE 7.2 Performance

- Up to 65% improvement in startup time
- Up to 25% improvement in project scanning



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NetBeans

Time to open very large SilverPeas.org project until ready-to-code:

- **44 seconds** in NetBeans IDE 7.2
- **2 minutes and 37 seconds** in NetBeans IDE 7.1.1

SilverPeas.org

7.2 Startup Video: https://www.youtube.com/watch?v=9AIZMX8lIlc
7.1.1 Startup Video: https://www.youtube.com/watch?v=3u8oHPfwbdg

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NetBeans IDE 7.2 Performance

User Feedback

Robert Basic @robertbasic 1h

odd. #netbeans 7.2b feels much snappier/faster than 7.1.x

Expand

Romain N @romainneutron 31 May

@netbeans testing the 7.2 beta. Awesome work, no more freeze while "scanning", more responsive interface. Good job guys !

Skye Book @sbook 21m

Definitely feeling the speed improvements in **NetBeans** 7.2 today

Expand

Faissal Boutaounte @bfaissal 26 May

WOW #netbeans 7.2 open faster than #FireFox ;) . Great JOB @netbeans team, thank you !

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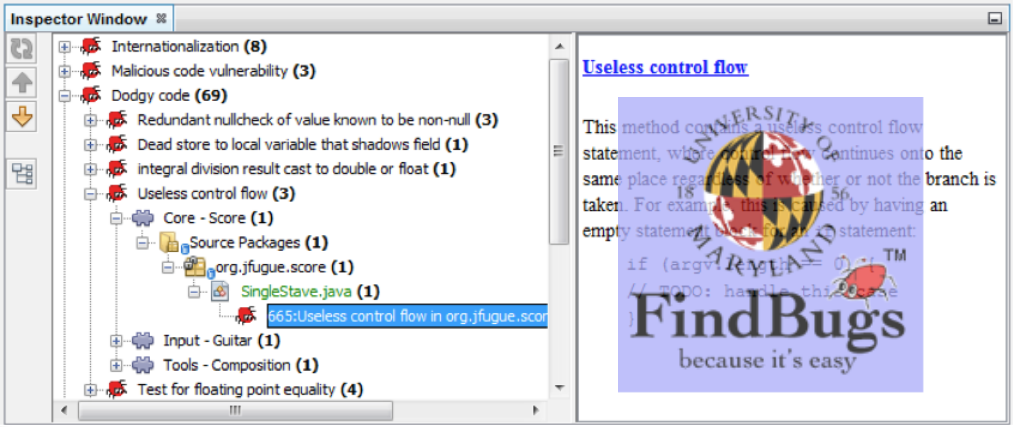
NetBeans IDE 7.2 Features

FindBugs Integration

- Popular open source static analysis tools for Java
- Identifies bugs in many categories
  - Eg: Bad practice, Correctness, Security, Performance, and more
- Set scope of analysis on multiple projects, packages or files



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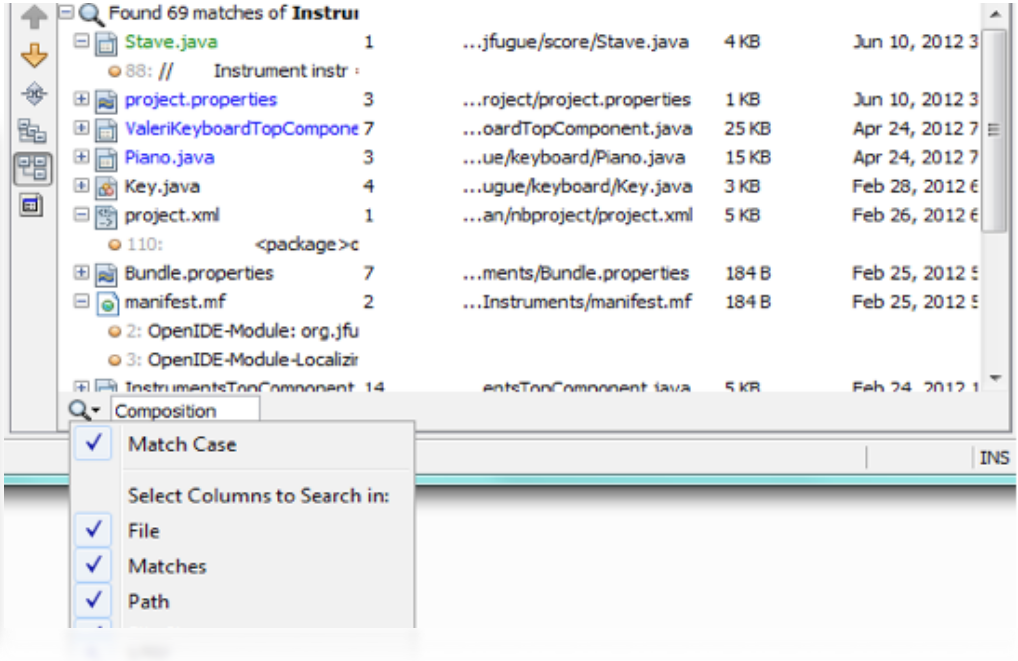
NetBeans IDE 7.2 Features

New in Java editor

- Remove surrounding code
- Reformat all code across all projects, packages and files
- Better search results
- Replace constructor with builder or factory
- Multi-tab editor and change position of tabs
- And more!



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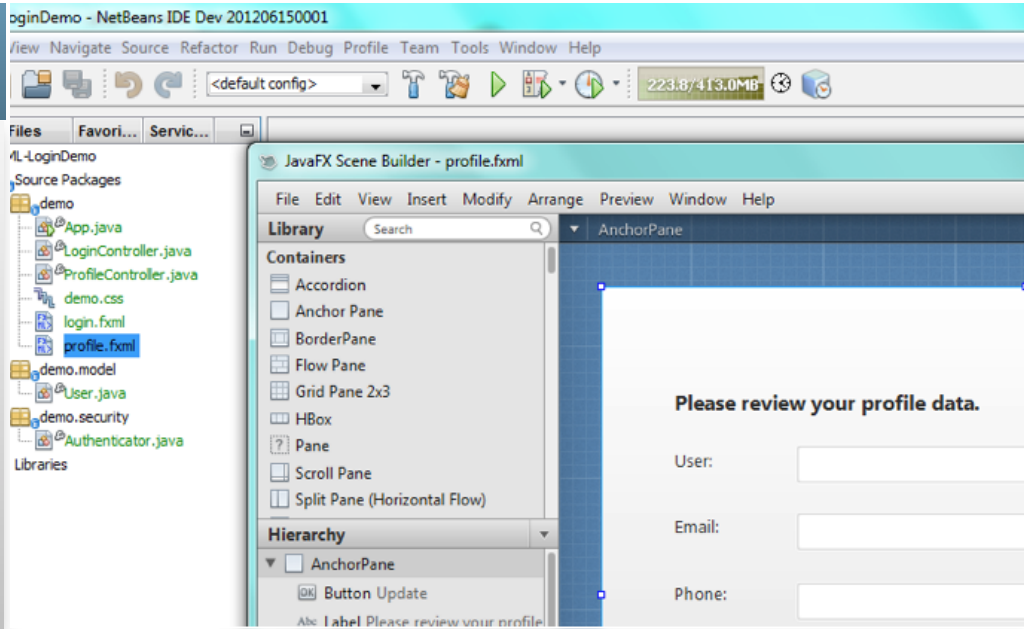
NetBeans IDE 7.2 Features

New in JavaFX support

- Integration with JavaFX Scene Builder
- Open FXML files in Scene Builder
- New project type for JavaFX in Swing
- CSS code completion for JavaFX elements



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NetBeans IDE 7.2 Features

Debugger Enhancements

- Source scanning does not block debugger stepping
- Tree view in Variables and Watches
- Code completion in New Breakpoint Dialog

New in Java EE Support

- JPA code completion in named queries
- JPA code completion in SQL queries
- PrimeFaces 3.2 support
- Spring 3.1.1 support

New in Maven Support

- New JaCoCo support for code coverage
- Enhanced scanning performance
- No. 1 reason users switch to NetBeans

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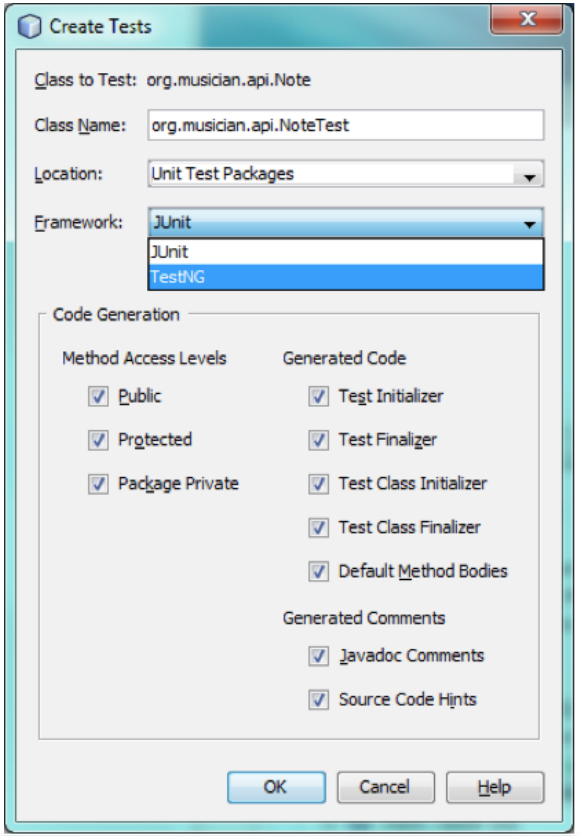
NetBeans IDE 7.2 Features

NEW TestNG support

- TestNG testing framework is now supported in addition to Junit
- Create new tests, test cases and test suites for the TestNG framework
- Test results in output window



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NetBeans IDE 7.2 Features

New in Groovy support

- Groovy 1.8.6 support
- Faster Groovy indexing and parsing
- Faster Groovy code completion

New in PHP support

- PHP5.4 support
- Support for:
  - Symfony2, twig, Doctrine2, ApiGen, Neon, Apache Config
- Additional Tools
  - New Hints, Hudson support, PHPUnit, PHP Annotations

New in C/C++ support

- Support for C++11 Standard
- Faster “Find in Projects”
- Shell Syntax in Run Command
- Remote Toolbar

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Demo

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The Road Ahead

NetBeans 7.3	NetBeans Java EE 7 support	NetBeans JDK 8 support
• HTML5/JavaScript/CSS3 clients • Hooking up to Java back ends • Revamped JavaScript editor	• Thin server architecture on Java EE 7 • Project Avatar • Java embedded and small embedded	• Full JDK 8 language support • Heavy focus on Lambdas • Updates to ME, FX specs

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Get to learn more at JavaOne

http://netbeans.org/community/articles/javaone/2012/index.html

- Session and speaker details
- Venue info

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Program Agenda

- 10.30 – 11.15: Java EE Community Panel
- 11.30 – 12.15: JavaFX Community Panel
- 13.00 – 13.45: NetBeans Platform Community Panel
- 14.00 – 14.30: Growing the NetBeans Community
- 14.30 – 15.00: NetBeans Awards/Community Recognition

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MAKE THE FUTURE JAVA

WITH

ORACLE

JavaOne™

Appendix

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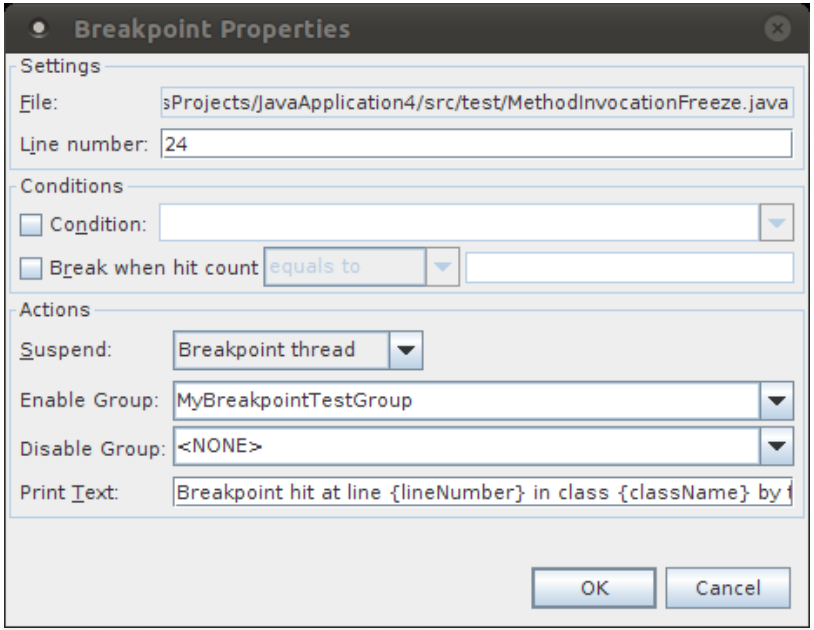
NetBeans IDE 7.2 Features

Debugger Enhancements

- Breakpoints enable/disable other breakpoints
- Source scanning does not block debugger stepping
- Zoom of debugger snapshot
- Tree view in Variables and Watches
- Code completion in New Breakpoint Dialog



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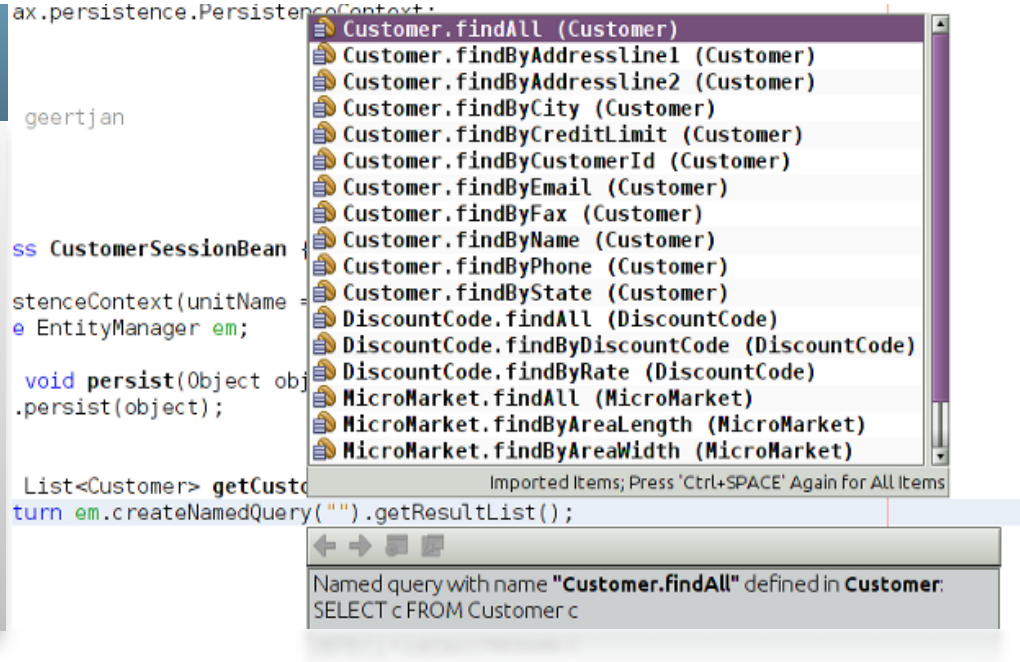

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NetBeans IDE 7.2 Features

New in Maven support

- POM file IS the project
- New JaCoCo support for code coverage
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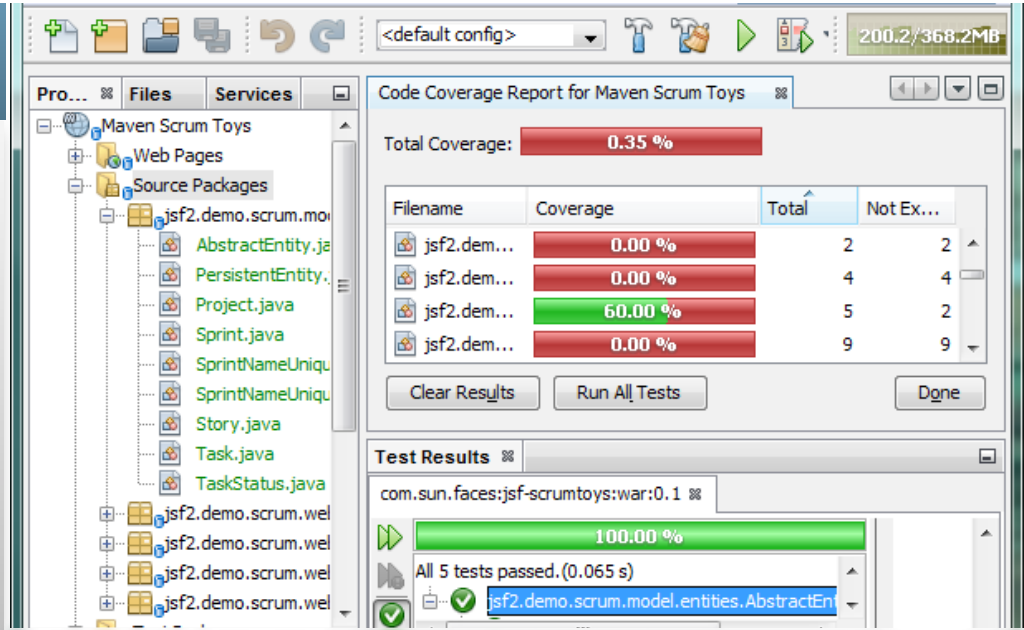

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