



Netbeans 6.0

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Agenda



What is Netbeans?

What's in Netbeans 6.0?

Coollest Features

Netbeans 6.0 Demo!

What To Do/Where To Go

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Slide 1: title and presenter's name

Slide 2: topic intro - what product/technology is

Slide 3: topic intro - who is the target market (be very as specific

as possible: e.g. geo, developer type, etc.)

Slide 4: demo

Slide 5: certification

Slide 6: call-to-action

Slide 7: resources: (URLs, where to go/who to call for more information, etc.)



What Is NetBeans?

- A comprehensive, modular Java IDE
 - > Out-of-box support for Java SE, Java EE, Java ME
 - > Large set of 3rd party modules (plug-in's)
 - > Intuitive drag-and-drop development
 - > Debugger, Profiler, Refactoring, etc...
- Free and open-source based
 - > Open source since June, 2000
 - > Large community of users and developers
- A platform for building applications
 - > Rich client Java applications
 - > Rich framework of windows, menus, tool bars, actions



What's New In NetBeans 6.0?

- Code editor enhancements
- Ruby, JRuby, & Ruby on Rails support (*)
- Easier installation and upgrading
- Swing GUI data binding (+)
- Integrated profiling, profiling “points” (+)
- Integrated visual web features (*)
- Mobility graphical game builder (*)
- SOA & UML enhancements
- Netbeans platform enhancements

(*) Topic of an additional tech demo session

(+) Will see later in this tech demo session



Matisse GUI Builder

- Issues building GUIs without Matisse:
 - > Complex Swing APIs
 - > e.g. GridBagLayout
 - > Resizing and alignment is hard
 - > Handling of locales is hard
 - > Different OS behaviors
 - > Binding data to your GUI
- Matisse handles these for you!





Matisse GUI Builder (Demo)



Java Desktop Database App

- Swing Application Framework
- Beans Binding
- Java Persistence API
- Matisse GUI Builder

<http://www.netbeans.org/kb/60/ide-gui-db-prev.html>





Developer Collaboration

- Develop applications collaboratively
- Code-aware instant messaging
- Share entire development environment
- Multi-party file editing
- Conduct code reviews
- Collaborative debugging
- share.java.net public collaboration server





Developer Collaboration (Demo)

- Register for an account (free)
- Add to your contact list
- Start a conversation
- Share code with others
- Collaborative bug fixing, compilation, and execution

<http://www.netbeans.org/kb/articles/quickstart-collaboration.html>





Debugging & Profiling

- Visual debugging (breakpoints, watchpoints)
- Remote debugging of a process
- On-the-fly code fixing
- Debug JSP, Servlets, monitor HTTP Traffic
- View, suspend, resume threads
- Monitor thread activity
- CPU time & visual method call-graph data
- Object-centric view: # allocated, live, age
- JVM telemetry: heap usage, garbage collection



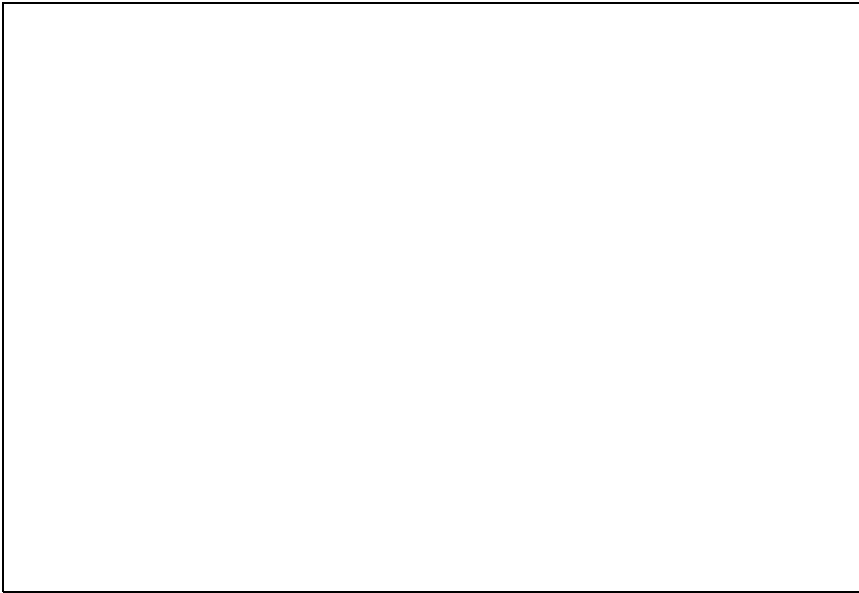


Debugging & Profiling (Demo)



<http://www.netbeans.org/kb/55/profiler-tutorial.html>





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The best enterprise OS on the planet.

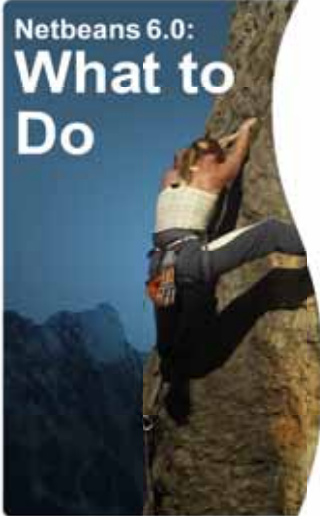
The TCP/IP stack has been reworked for both performance and security.

Soundbite: Solaris 10 can run on more than 799 different systems, including those from Dell, HP, and IBM. No other enterprise class UNIX can do this. It's the result of a 1/2 Billion investment and 3000 engineers.

500,000 downloads in the first 10 days, a download/second!!!!!!

2/3rd of downloads were X86

Netbeans 6.0: What to Do



- Download Netbeans 6.0
- Join Netbeans.org project
- Create collab account
- Do Netbeans tutorials
- Participate on Netbeans forums
- Write a new desktop app!
- Collaborate with your friends.

<http://www.netbeans.org>



Netbeans 6.0 Resources

- Netbeans Product Site: <http://www.netbeans.org>
 - > Download: previews, current & past releases of IDE, plugins
 - > Learning: tutorials, technical articles, flash demos
 - > Community: latest news, forums, events, mailing lists
- Netbeans Wiki: <http://wiki.netbeans.org/wiki/>
 - > Open-source documentation site for Netbeans
- Planet Netbeans: <http://www.planetnetbeans.org/>
 - > Aggregate for all Netbeans-related blogs
- Source Code: <cvs.netbeans.org:/cvs>
 - > CVS source code access for Netbeans platform + IDE





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 - > Sun Certified Mobile Application Developer for Java ME
 - > Sun Certified System/Network Admin for Solaris Operating System
- Free practice exams
- Discounted exams fees for academic developers – only US\$60
(US\$40 in APAC and Latin America)



- **In order to land high paying jobs, students need to find ways to differentiate themselves from other recent graduates.**
- **Through the Sun Academic Initiative, Sun offers free training that will help you fast-track your career.**
- **As an example, a recent article in [CIO Magazine](#) included the Sun Certified Programmer for Java 2 platform and the Sun Certified Systems Administrator for Solaris as two of the hot certifications that are able to demand higher wages.**
- **Refer to the hand-out with instructions for online registration and certification exams.**



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THANK YOU!

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