



Netbeans 6.0 & SAI

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Agenda



Czym jest Netbeans?

Nowości Netbeans 6.0?

Ciekawe możliwości

Demo

SAI

Czym jest NetBeans?

- **Modularne Java IDE**
 - > Wsparcie Java SE, Java EE, Java ME
 - > Duża ilość dostępnych modułów (plug-in's)
 - > Obsługa przeciągnij i upuść
 - > Debugger, Profiler, Refactoring, etc...
- **Bezpłatny oraz open-source**
 - > Open source od czerwca, 2000
 - > Duża społeczność użytkowników

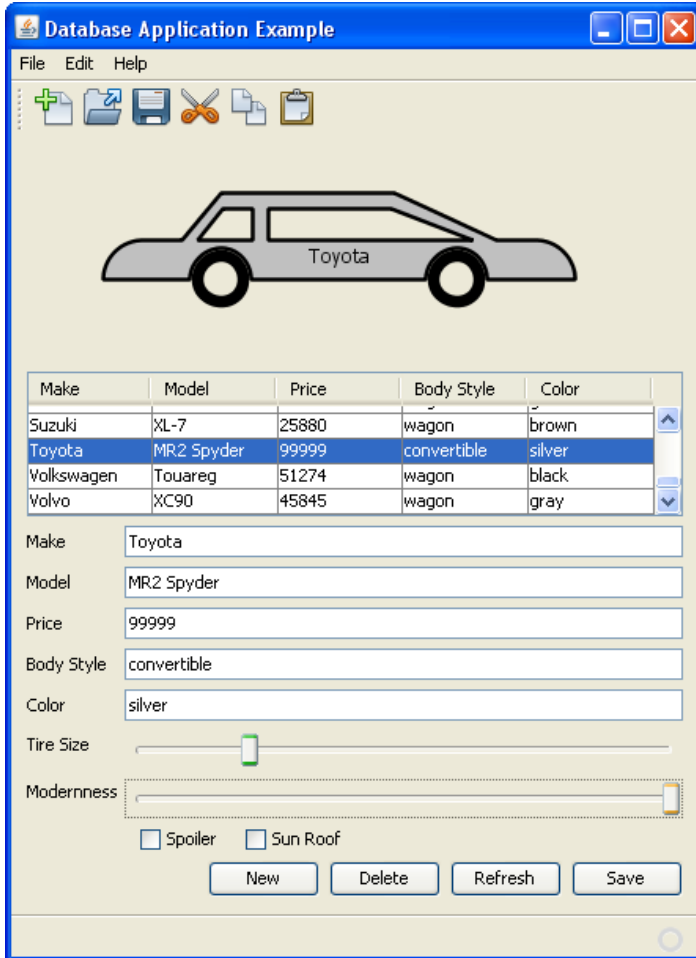
Co nowego w NetBeans 6.0?

- Edytor kodu
 - Ruby, JRuby, & Ruby on Rails (*)
 - Uproszczona instalacja oraz aktualizacja
 - Swing GUI data binding (+)
 - Zintegrowane profilowanie, punkty kontrolne (+)
 - Tryb wizualny dla WEB'a (*)
 - Wsparcie dla tworzenia mobilnych gier (*)
 - UML
 - SOA (Service-oriented architecture)
 - Udoskonalenia w API Netbeans
- (+) Zawarte w tej prezentacji (*) inne tech demo

GUI Builder

- Budowanie GUI bez GUI Builder:
 - > Skomplikowane API Swinga
 - > e.g. GridBagLayout
 - > Wyrównywanie oraz skalowanie jest trudne
 - > Internacjonalizacja jest trudna
 - > Różne zachowania OS
 - > Podczepianie danych do GUI
- GUI Builder rozwiązuje te problemy!

GUI Builder (Demo)



Java Desktop Database App

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

<http://www.netbeans.org/kb/trails/matisse.html>

Developer Collaboration

- Wspólny rozwój aplikacji
- Świadomy kodu komunikator
- Współdzielone środowisko programistyczne
- Wspólne edytowanie kodu
- Przeglądanie kodu
- Debuggowanie
- share.java.net serwer współpracy grupowej

Developer Collaboration (Demo)

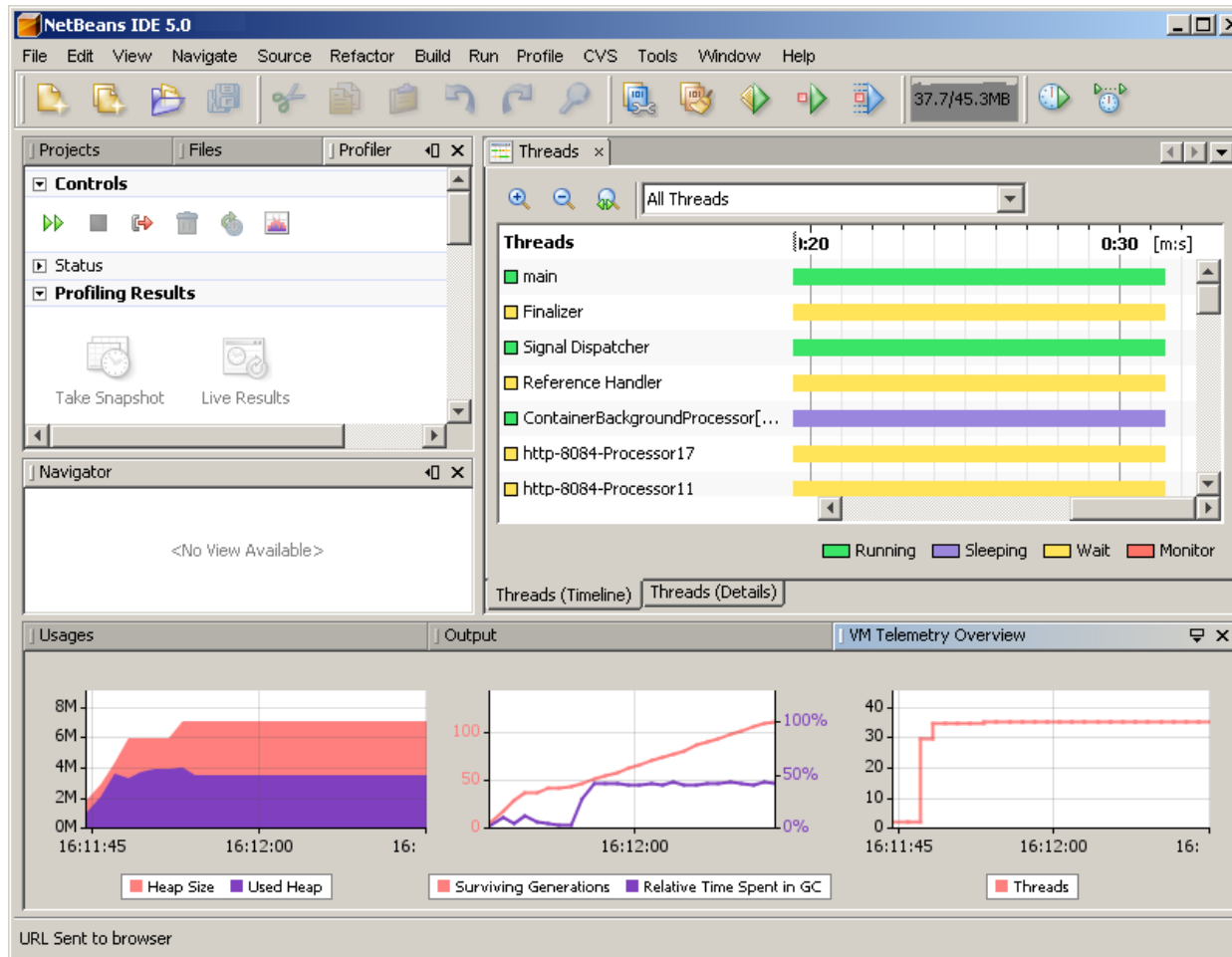
- Zarejestruj konto (free)
- Dodaj kontakty do listy
- Rozpocznij dyskusje
- Dziel kod z innymi
- Współpracuj przy poprawianiu błędów, kompilacji oraz wykonywaniu

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

Debugging & Profiling

- Wizualne debugowanie (break/watchpoints)
- Zdalne debugowanie procesów
- Debug JSP, Servlets, monitor Ruchu HTTP
- Wgląd w wątki oraz usypianie, wznawianie
- Monitorowanie aktywności wątków
- CPU time & wizualizacja wywołań metod
- Obiektowy podgląd: # allocated, live, age
- Pomiar JVM: użycie stosu, garbage collection

Debugging & Profiling (Demo)



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

demo



Zasoby Netbeans 6.0

- Netbeans strona główna: <http://www.netbeans.org>
 - > Pobieranie: aktualne, przyszłe wersje NetBeans'a oraz moduły
 - > Wiedza: tutorial'e, artykuły, dema
 - > Społeczność: news, forum, wydarzenia, grupy dyskusyjne
- Netbeans Wiki: <http://wiki.netbeans.org/wiki/>
 - > Dokumentacja dla Netbeans'a
- Planet Netbeans: <http://www.planetnetbeans.org/>
 - > Zebrane blogi poświęcone Netbeans'owi
- Source Code: <cvs.netbeans.org:/cvs>
 - > Dostęp CVS do kodu Netbeans'a



SAI

Sun Academic Initiative

An initiative by Sun Microsystems to:

- Develop relationships between Sun and the academic community
- Provide Sun technology education to the people who are shaping the future of technology
- Support the next generation of innovators-students
- Ability to expand your knowledge base and gain competitive edge
- Access to obtain the skills you need to fast-track your career
- Industry-recognized credentials through Sun's professional certification programs

<http://www.sun.com/products-n-solutions/edu/programs/sai/>

Sun Academic Initiative

Program Benefits:

- Students get prepared for **industry-leading certification** from Sun, obtaining marketable job skills.
- As an SAI partner, our institution will get **quality curriculum and support** directly from Sun and can then keep up with the pace of technology, and further differentiate the academic program by offering education in innovative technologies.
- Students can get **in-class, hands-on instruction** from Sun authorized faculty and participate in **projects and case studies** facilitated by experienced, technical professionals.
- **FREE unlimited access to Web-based courses** on Java™ technology, Solaris™ OS system administration, Sun™ ONE infrastructure products, and the complete StarOffice™ productivity suite to both students and faculty from the Sun Web Learning Center.

Sun Academic Initiative

Web-based Courses

- Java Technology
 - > Fundamentals of the Java Programming Language
 - > Java Programming Language
 - > Java Practice Certification Exam
 - > Object Oriented Programming with Java Technology
 - > Web Component Development with Java Technology
 - > Distributed Programming with Java Technology
 - > Java Servlets: A Technical Introduction
 - > Java 2 Platform, Enterprise Edition (J2EE) Platform Overview for Managers
 - > Mobile Desktop Development with Java Technologies
 - > Consumer Devices Learning Suite
 - > Programming with the Java 3D API: A Technical Overview
 - > J2SE Internals and Troubleshooting
 - > Java 2 Platform, Enterprise Edition (J2EE Platform) Technology Overview

Sun Academic Initiative

- Networking and Security
 - > Web Server and Security
 - > Directory Services
- Server and Storage Systems
 - > Server and Storage Systems
- Solaris 10 Operating Environment
 - > New Features of the Solaris[tm] 10 Operating System
 - > UNIX Essentials Featuring the Solaris[tm] 10 Operating System
 - > Intermediate System Administration for the Solaris[tm] 10 Operating System
 - > Intermediate System Administration for the Solaris[tm] 10 Operating System on x64/x86-Based Systems
 - > Advanced System Administration for the Solaris 10 Operating System (SPARC platform)
 - > Advanced System Administration for the Solaris 10 Operating System (x64/x86 platform)
 - > Network Administration for the Solaris 10 Operating System

Sun Academic Initiative

- Solaris 8 Operating Environment
 - > Solaris 8 System Administration I
 - > Solaris 8 System Administration II
 - > Solaris 8 Operating Environment TCP/IP Network Administration
 - > Fundamentals of Solaris 8 Operating Environment
- Solaris 9 Operating Environment
 - > UNIX Essentials Featuring the Solaris 9 Operating Environment
 - > Intermediate System Administration for the Solaris 9 Operating Environment
 - > Advanced System Administration for the Solaris 9 Operating Environment
 - > Network Administration for the Solaris 9 Operating Environment
 - > Solaris 9 Practice Certification Exam
 - > New Features of the Solaris 9 Operating Environment

Sun Academic Initiative

- StarOffice Software
 - > StarOffice 6.0 End User
 - > StarOffice 7.0 End User
 - > Getting Started with Sun Java Desktop
- Sun Java Enterprise System Middleware
 - > Identity Management Services
 - > Web & Application Services
 - > Collaboration and Communication Services
- Sun Java Enterprise System Studio and Solaris OE Development
 - > Sun ONE Studio 4 for Java
 - > Real-Time Programming for the Solaris Operating Environment
- Sun Java Enterprise System Middleware
 - > Communications Services
 - > Portal Services
 - > Web and Application Services
 - > Wireless Technologies

Sun Academic Initiative

- XML, Perl and Web Publishing
 - > A Developers Introduction to Web Programming
 - > A Developers Introduction to Java Script Programming
 - > A Developers Introduction to PERL Programming
 - > A Developers Introduction to Advanced PERL Programming
 - > A Developers Introduction to HTML Programming
 - > A Developers Introduction to Web Processing

Fast Track Your Career with Sun!

- Dostęp do kursów
 - > Company Name: *****
 - > Company I.D: *****
 - > Odwiedz strony:
 - <http://www.sunacademic.com>
 - <http://learningconnection.sun.com>
- Cena egzaminu ze zniżką to US\$60

Oficjalna strona Sun Campus:

<http://groups.google.pl/group/suncampus>

Dołącz do tej grupy google aby zarejestrowac się w SUN Campus!

- Zapraszam do dyskusji
 - > Java
 - > Netbeans
 - > OpenSolaris
- Informacje o wydarzenia
 - > TechTalk
 - > Inne wydarzenia związane z SUN'en na PW



**Wesołych Świąt
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Szczęśliwego Nowego
Roku 2008**





Netbeans 6.0

<http://www.netbeans.org>

Dziękuję!

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