

NetBeans 6.1 New & Cool

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Agenda

- **Introduction to NetBeans**
- **NetBeans 6.0 and 6.1**
- **Demos**
 - Desktop development
 - Web development
 - NetBeans platform
- **Conclusion**
- **Q&A**



NetBeans IDE

The screenshot displays the NetBeans IDE 6.0 RC2 interface. The main window is titled "DesktopApplication - NetBeans IDE 6.0 RC2". The menu bar includes File, Edit, View, Navigate, Source, Refactor, Build, Run, Profile, Versioning, Tools, Window, and Help. The toolbar contains various icons for file operations and development actions. The left sidebar shows the Project Explorer with a tree view of the "DesktopApplication" project, including source packages, META-INF, and source files like Customer.java, DesktopAboutBox.java, DesktopApplication.java, DesktopView.java, and PurchaseOrder.java. The bottom-left pane is the Inspector, showing a hierarchy of Swing components for a "deleteRecordMenuItem" [JMenuItem], including buttons, menu bars, and menu items. The central editor area is in Design mode, showing a graphical representation of a window with a menu bar (File, Help) and buttons for New, Delete, Refresh, and Save. A context menu is open over the "Delete" button, listing actions like New, Delete, Save, Refresh, and Exit with their respective shortcuts. The right sidebar contains the Palette with categories for Swing Containers and Swing Controls, and a Properties window for the selected "deleteRecordMenuItem" [JMenuItem], showing properties like action, accelerator, background, componentPopupMenu, and font.



NetBeans Platform

The screenshot displays the NetBeans IDE environment with the following components:

- Project Explorer:** Shows a project structure for 'MassTKProject_10' and 'MassTKProject_8'. The latter contains folders for 'Fuel_Management', 'Mass_Cases', 'Payload_Cases', and 'Payload_Tables', with various sub-elements like 'FM_1', 'FT_1', 'MC_101', and 'PC_101'.
- Runtime View:** Displays a 3D wireframe model of an airplane, color-coded by mass case. The model is shown in a perspective view.
- Group Controls:** A panel on the left of the 3D view showing a list of mass cases (10-63) with checkboxes and color swatches. The 'Airplane' group is selected.
- Log Panel:** Located at the bottom, it shows a series of log messages: 'Opening Empty Vehicle Editor for ConMass_Set_1 (+)', 'Opening Payload Case Editor for PC_101 (+)', 'Opening Mass Case Editor for MC_102 (+)', and 'Opening Mass Case Editor for MC_101 (+)'. The timestamp for all messages is 06/07/07 08:34:20-28.
- Status Bar:** At the bottom right, it indicates 'No Tasks Pending' and 'Boeing Proprietary' with the Boeing logo.



NetBeans - Community

- **Worldwide open source community**
- **500k+ subscribers on mailing lists**
- **150k+ CDs shipped**
- **17M downloads**



Community - Poland

Team

- Krzysztof Bareja
- Łukasz Dąbrowski
- Marcin Gołdyn
- Leszek Gruchała
- Radosław Holewa
- Artur Kustra
- Jacek Laskowski
- Sebastian Maliszczak
- Paweł Szulc
- Bartosz Tomasiak
- Michał Trzcinka
- Sławek Wójcicki
- Waldemar Cichoń
- Paweł Machowski

Polish localization project:
<http://wiki.netbeans.org/PolishTranslation>

Pierwsze Kroki

1. Dołącz do społeczności netbeans.org rejestrując się na wiki.netbeans.org. Dzięki temu będziesz w stanie aktualizować stronę PolishTranslation oraz tworzyć swoje własne z informacjami dotyczącymi projektu.
2. Zapisz się na listę dev@translatedfiles.netbeans.org. Jest to podstawowa lista dla wszystkich osób tłumaczących NetBeans. Możesz się na niej przedstawić, opisać skąd jesteś, gdzie pracujesz bądź studiujesz. Dodaj także język, z którym chcesz pracować nad lokalizacją.
3. Sprawdź czy nad polskim tłumaczeniem pracują także inne osoby. Zapisz się na polską listę dyskusyjną dla projektu (pl@translatedfiles.netbeans.org). Uczestnictwo w tej liście pozwoli Ci zaznajomić się z polskim zespołem lokalizacyjnym oraz ułatwi koordynację pracy.
4. W celu kontrybucji musisz podpisać umowę ([Contributor Agreement](#)), a następnie wysłać ją faxem, pocztą lub drogą elektroniczną.



NetBeans 6.0

- **Completely rewritten Java editor**
- **Data-binding for Swing**
- **A new Ruby-only IDE**
- **New installer & plug-in manager**
- **UML & Profiler & SOA included**
- **More – see [New and Noteworthy](#)**



NetBeans 6.1

- **Huge performance improvements**
- **New JavaScript support**
- **Restful web services**
- **Project sharing**
- **Spring, Hibernate, Axis2**
- **MySQL integration**
- **More – see [New and Noteworthy](#)**



NetBeans GUI Builder

- **GroupLayout layout manager**
- **Guidelines, baselines, resizing**
- **Natural UI design**
- **Swing application framework**
- **Beans binding support**

Demo GUI Builder



NetBeans Profiler

- **Included in NetBeans**
- **Features**
 - Monitoring
 - CPU profiling
 - Memory profiling
 - Heap walker

Demo Profiler

Demo

Java Editor



JSF development

- **Two approaches**
 - Code centric
 - Visual JSF
- **Code centric provides more control**
- **Visual JSF = RAD tool for JSF**
 - Special development model
 - Various limits due to visual tools

Demo

JPA + JSF

Demo

Visual JSF



RESTful web service

- **Alternative web service stack**
- **Based on HTTP methods and URIs**
- **Simpler interfaces**
- **Will be included in Java EE 6**
- **Implementation: project Jersey**
 - <https://jersey.dev.java.net>

Demo

RESTful web services



Ruby on Rails

- **Ruby – popular dynamic language**
- **Rails – web framework for Ruby**
 - Made Ruby popular
 - Scaffolding
 - Convention over configuration
 - Metaprogramming

Demo

Ruby on Rails



Ajax development

- **New JavaScript editor in 6.1**
- **jMaki framework**
 - Many components (Yahoo, Google, ...)
 - Unified interface
 - Drag & drop experience
- **Google Web Toolkit plug-in**
- **Ajaxized JSF components**

Demo

Ajax



Mobility Pack

- **Java ME support in NetBeans**
- **CLDC**
 - Less powerful
 - Available on most phones
- **CDC**
 - New profile
 - AWT or Swing on Mobiles
- **SVG support**



NetBeans Platform

- **NetBeans can be used as a desktop framework**
- **You can build plug-ins for NetBeans**
- **NetBeans platform application**
 - Base NetBeans libraries
 - Your custom plug-ins
 - Your branding

Demo

NetBeans Platform



Conclusion

**NetBeans:
Best out of the box
experience**



Conclusion

**NetBeans:
Many features,
Great community**



Conclusion

**Get NetBeans
& join the
community**



Questions?



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