

CommunityOne

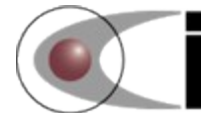
A big tent for the free and open source community



NetBeans Platform Success Stories

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Session S297404



OBJECT COMPUTING, INC.
An OO Software Engineering Company

We want to show you...

The cool things you can do with the
NetBeans Platform

And some real programs that *already* do!

GOAL

NetBeans Platform Primer

- What is the NetBeans Platform?
 - Modular system for Java applications
 - Open source with an active community
 - Pure Java
 - Stable and mature
 - Also called “RCP” (Rich Client Platform)

NetBeans Platform Features

- What does the NetBeans Platform Offer?
 - Window system
 - Inherent build scripts
 - Declarative configuration
 - AutoUpdate
 - Ability to reuse any IDE feature
 - Modules that make common tasks easy
 - Dialogs
 - Options settings and preferences
 - File IO
 - Support for custom project/file types
 - Threading and progress notification

But How Easy is it To Use?

- Demo: Creating a simple RCP application

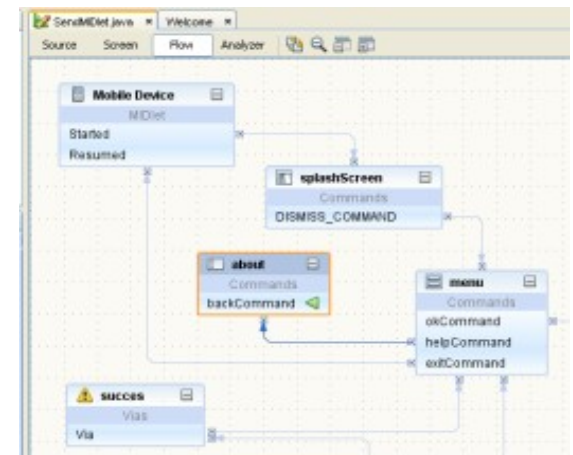
Another Great Feature: Visual Library

➤ Supports graph-oriented modeling

- Nodes
- Arcs
- Routing
- Interaction

➤ Has many creative uses

- Showing relationships between items
- Displaying a sequence of events
- A whiteboard for design ideas
- Logical/physical layouts (e.g. network diagrams)
- You can touch, drag and change objects in the scene



Testing

- Every application needs to be tested
- Your users will find the bugs...
 - Will you find them first?
- Unit testing is already popular
- But there are other types
 - Functional
 - Performance
- Supported in NetBeans Platform via XTest
 - Using Jemmy, Jellytools, NBJUnit and INSANE

Testing Demo

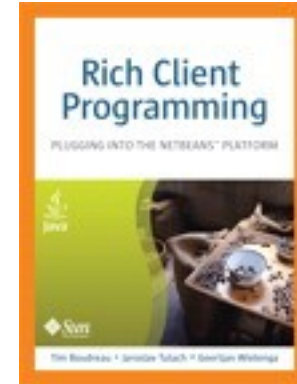
- Demonstration of functional tests for an RCP app

Interesting RCP Applications

- Demo: Apps built on the NB Platform

Where to Learn More?

- <http://platform.netbeans.org/>
- Rich Client Programming Book
- Fabrizio's JavaOne Presentation (TS 5483)
 - “blueMarine, or Why you Should Really Ship Swing Apps”
- Tom's JavaOne Presentation (TS 5541)
 - “Creating Better Applications at Boeing with the NetBeans Platform Application Framework”



PITCH CAMP ON FREE AND **OPEN GROUND**



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