



Desktop Java Apps with Netbeans 5.5

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Let us know our tool.

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

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
- Matisse handles these for you!

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>



Basics of Web Design

- Backbone - HTML, CSS.
- Uploading, FTP etc.
- Servers, databases and php/asp.
- How it actually works.

Understanding Design.

- No one wants to look at the screen.
- No reading – only scanning.
- design for the way people actually use the web
- Other factors

Factors that affect

- Cultural sensitivity
- You don't know how the user got here
- Connection speed
- Time delay between client and server
- Variation in fonts
- Variation in Colours
- HTML/CSS/JavaScript/Flash
- Accessibility

Our Principles

Simplicity

- Load faster - less waiting
- Render faster - quicker responsiveness
- Usually clearer, easier to scan
- Easier to navigate
- Occam's Razor

Don't Decorate, Communicate!

- Remember how brains work
- Remember how eyes move
- Everything that goes into your web site must have a purpose.

Follow Conventions

- Use standard icons and imagery
- Use standard elements.
- Use standard colours.

Branding For your website

- Decide on look-and-feel
- Decide on mood and sentiment.
- Think about target-group
- Think about time, type and period of utilization.

Jakob Nielsen's useit.com

Top 10 mistakes.

1. Legibility Problems

- Use liquid fonts please!
- Respect the users wishes.

2. Non-standard Links.

- What is clickable, what is not.
- Visited, non-visited links.
- Avoid fancy links.

Top 10 mistakes.

3. Flash

4. Content That's Not Written for the Web

5. Bad Search

6. Browser Incompatibility (20% firefox)

7. Cumbersome Forms

8. No Contact Information

9. Frozen Layouts.

10. Pop-ups, photo enlargement etc.

Future of Web Design and Content Management Systems



Netbeans 5.5
<http://www.netbeans.org>

Thank You

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