Agenda

- Small vs. Large Teams
- Libraries vs. Frameworks
- A Bit of History
- Why NetBeans Platform?
- Resources
Small vs. Large Teams

- Team size
  - Small (<10)
  - Medium (10-100)
  - Large (>100)

- Communication problems

- Tools
  - Versioning
  - Continuous builds
Libraries vs. Frameworks

• How do you start the development
• Library
  > Small pieces
  > Which library do you choose
• Framework
  > Usually large
  > How do you change something

- NetBeans vs. Xelfi
- Students vs. Engineers
- Platform vs. IDE
- NetBeans vs. Sun
- Prague vs. rest of the world
- Open Source vs. Corporation
Why NetBeans Platform?

- Did you ever have that great idea...?

  - Let's create our own framework!
  - Maintaining the framework takes a lot of my time :(
Why NetBeans Platform?

Don't reinvent the wheel!

Math professor Stan Wagon demonstrates his square-wheeled bicycle at Macalester College in St. Paul, Minn. In 1960, it was discovered that a square wheel would roll smoothly on a road made of catenaries (those bumpy things). Wagon said he became interested in the concept 7 years ago, did calculations and computer animations, then had the bike specially built.
Fiorano Studio: Lego Blocks for SOA
Nokia NetAct: Mobile Network Mgr

Certified Engineer Course
Sketsa SVG Editor
NetBeans IDE: Java Development
Visual VM
TidalWave BlueMarine: Photo Manager
Instant JChem

Certified Engineer Course
Examples – StudioSL (oil flow)
And...

What about your application?
Why NetBeans Platform?

• You will save time & money
• You will benefit from platform updates
• Your application will:
  > become modular
  > become updatable
  > become webstartable
  > look more professional
  > work on all platforms
  > be able to access Java EE backends
• You will work on features that matter!
Why NetBeans?

• Don't reinvent the wheel
• Reuse code from NetBeans Platform
• Take advantage of 3rd party libraries
• Build on top of Swing
• Make your application modular
• Focus on domain knowledge
• Don't let your competition figure this out before you!
Resources

- http://platform.netbeans.org
- dev@openide.netbeans.org
- NetBeans platform book:
  > For NetBeans 5.5 & 6.0
  > Covers the concepts & APIs

http://safari.oreilly.com/97
DEMO

• “Hello World” Application