



javaOne

JavaOne 2008 Hands-On Labs

LAB-0000 Template

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Goal of This Lab

Learn how to build, benchmark, profile
and tune a Web 2.0 application



How Hands-on Labs Work

- You will do the lab by reading the lab document
 - In the browser , or paper
- Feel free to ask questions



Lab Format

- “Free form” lab
- This lab is for 120 mins
- Lab setup
- 3 Lab exercises
 - 1: Build, deploy and run the Stockportfolio jMaki app.
 - 2: Deploy and run workload
 - 3: Server side tunings for Web 2.0 applications



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Lab Setup

1. Install Java SE 6
2. Install NetBeans 6.0
 - Make sure Application server is installed
 - NetBeans JMAPI module
3. Copy **0000_template.zip** and expand it
 - Will create 0000_template or template directory <lab_root>
 - It contains the following:
 - HTML document index.html
 - exercises directory



Agenda

- Examining **jMaki StockPortfolio** application
- How to write your **Benchmark Driver**
- Learn **Server Side Tunings**
- Optional exercises:
 - Profiling your application
 - Debugging your application
 - Faban Framework overview

Demo

Configure and run performance test



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Summary

- Glassfish server & jMaki framework for Web 2.0 development
- Web 2.0 benchmark driver using Faban
- Server side performance characteristics



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For More Information

- <http://glassfish.dev.java.net>
- <http://ajax.dev.java.net>
- <http://faban.sunsource.net>
- <http://www.netbeans.org/>



Q&A

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