



Spring  ONE

20 – 22 June 2007  
Metropolis Antwerp, Belgium

# Hands-On Spring-OSGi

Martin Lippert  
Senior IT Consultant  
it-agile GmbH, Germany



# Speaker's qualifications

- 🍌 Martin is a senior IT consultant at it-agile GmbH, Hamburg, Germany
- 🍌 With a focus on:
  - Agile software development
  - Eclipse technology, especially OSGi/Equinox
- 🍌 Frequent speaker at conferences
- 🍌 Author of articles and some books
- 🍌 Eclipse Equinox Incubator committer

# Overall presentation goal

Don't waste time watching slideware – get in touch with Spring and OSGi to see how easy it is to use

# Setup

# Requirements

## Development environment:

- Eclipse 3.3 RC4
- Spring-IDE, if you like
- JDK 1.5 or 1.6

## Spring and Spring-OSGi

- Ready-to-use Eclipse projects on the CD (2.0.5 and M2)
- Also available via: <http://www.martinlippert.org/>



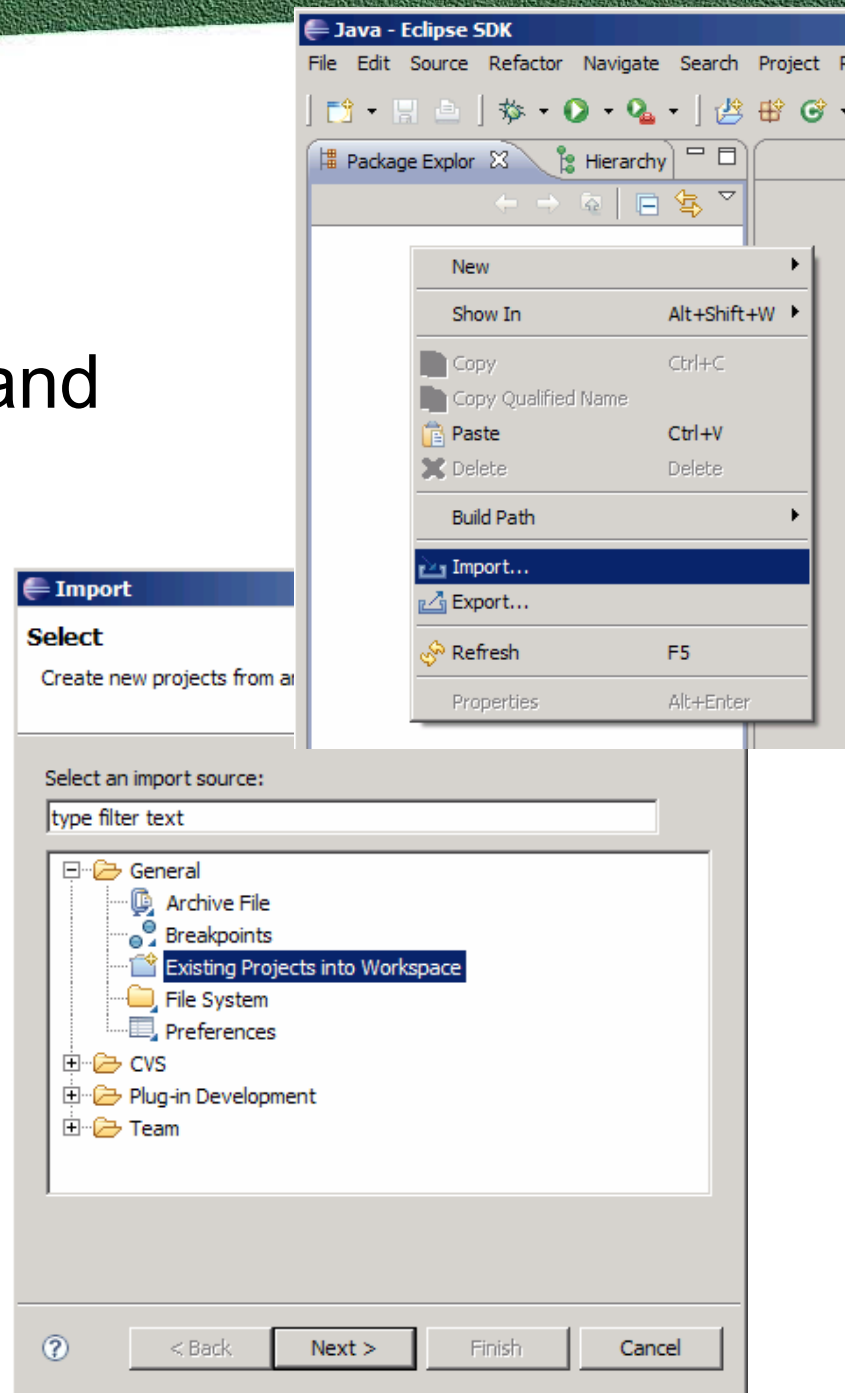
# Extract the pre-build workspace contents

- 🍌 Extract the pre-build workspace from the zip anywhere to your drive
  - This creates a workspace folder called „handson-springosgi“
- 🍌 Start Eclipse and select this folder to be your workspace

# Import projects...

Go to the Workbench and select „Import...”

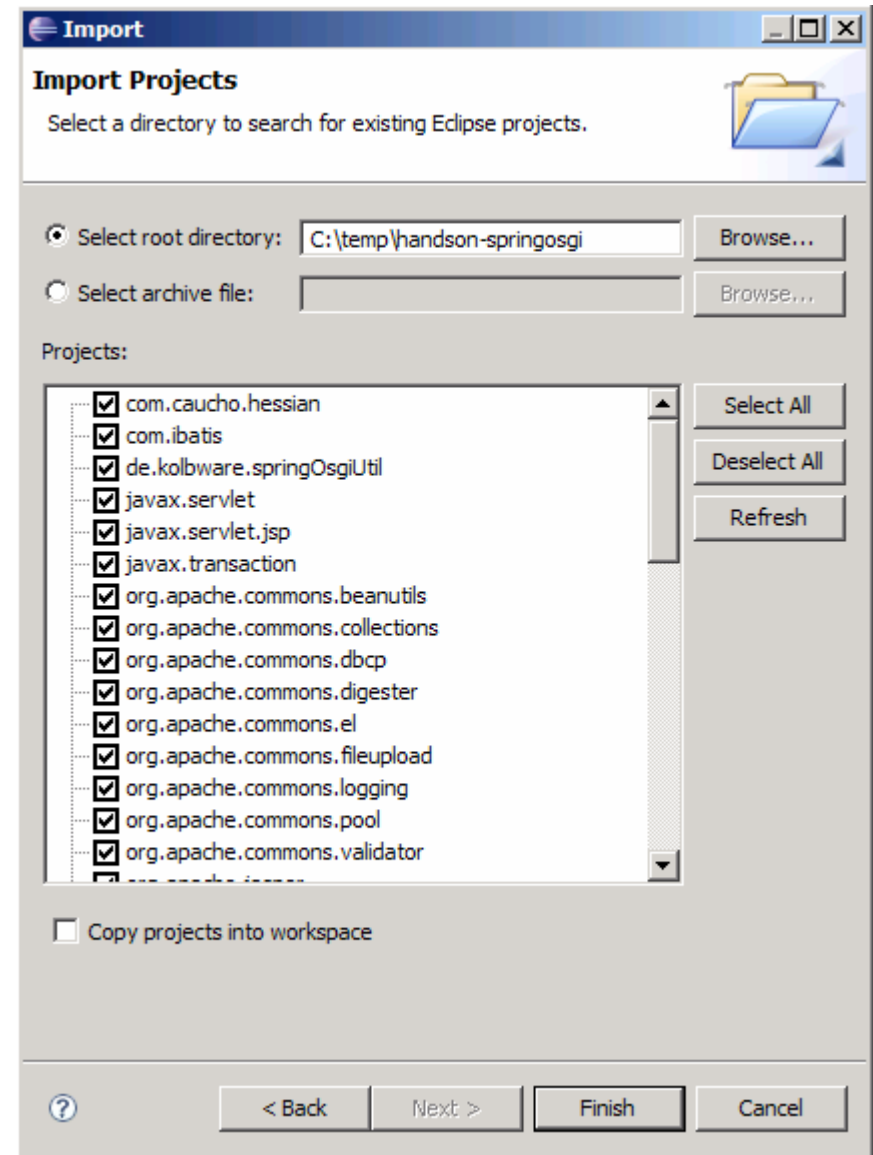
Choose „Existing Projects into Workspace”





... into your workspace

- 🍃 Select your workspace directory
- 🍃 Select all projects showing up
- 🍃 Press „Finish“



# Ready to go?

- 🍌 Now you should be ready to go...
- 🍌 If you like, create a working set for all those pre-build Spring-OSGi bundle projects

# What are we going to do?

1. Create a simple bundle
2. Utilize Spring in this bundle (using Spring-OSGi)
3. Enhance this bundle and make something out of this bundle remotely accessible
  - Via HttpInvoker
  - Run Spring-OSGi together with Jetty
4. Create a rich client that accesses our service



# DEMO – Hands-On

Isn't it cool?





# Q&A

Martin Lippert, [lippert@acm.org](mailto:lippert@acm.org)

Special thanks to Jeff McAffer, BJ Hargrave, Costin Leau and Bernd Kolb



