Eclipse Scout
What’s new in Kepler?

Zuerich Demo Camp 27. Juni 2013
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What is Eclipse Scout?

- Framework for **Business Applications**
- Based on **Java/Eclipse** platform
- **Multi Frontend** (Mobile, Web, Desktop)

Scout is part of the Eclipse Release Train since 2011
What is Eclipse Scout?

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**Scout Goals**

- **Long term** strategy
- Boost developer **productivity**
- **Simple** to learn

Scout is part of the Eclipse Release Train since 2011
An Eclipse Scout Business Application
Application Architecture

Client Application
- RAP
- Swing
- SWT
- Scout Client
- Eclipse Platform
- Equinox OSGi

Server Application
- Scout Server
- Eclipse Platform
- Equinox OSGi
- Webserver
- Database (WS, SQL)

Service Tunnel

Mobile
Tablet
Browser
Web
Enterprise Integration

Client
- UI
- Scout Client
- Client Model

Server
- Application Layer
- Scout Server
- Business Services
- ESB
- Data Access
Web (Eclipse Rap)
SWT with Lotus Notes
Mobile
Eclipse Scout Mobile
Motivation
Issues
Multi Frontend Architecture

- One Codebase
- Lower Costs
- Easier Maintainance
- Same Language
- Same Tools
- Same Features
Device Transformation
Demo 1
Modular Scout Applications
Oliver Gierke
SpringSource

Whoops! Where did my architecture go?
Approaches to architecture management for Java and Spring applications

Oliver Gierke
If you think architecture is expensive, try no architecture.
Layers

Well understood

Known to developers

Less important to business
<table>
<thead>
<tr>
<th></th>
<th>Account</th>
<th>Customer</th>
<th>Core</th>
</tr>
</thead>
<tbody>
<tr>
<td>Presentation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Service</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Data Access</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Slices

Hardly understood
New to developers
Key for business req
Layers and Slices with Scout
Demo 2
The Scout Book
Thank you