Scout JS
EclipseCon Europe 2016 UGM
Andreas Hoegger
Evolution of Application Development

- Fat Client
- RichClient
- Web Client
- Web Application

Client | Server

Browser
Scout Classic

Browser

Resources
(HTML, JS, JSON, …)

Scout JS

Server

JSON
Events, Widgets

Scout
(Java)

HTML
Scout Classic
Button opens a form

Browser (HTML5, JS)
Button click

Server (Java)
Execute button clicked

JSON
Event:
- Button click

JSON
Modelupdate:
- new Form

Handle result
e.g. show Form
Pro Scout Classic

➔ Fast development
➔ Few JavaScript, HTML know-how required
➔ Java application model
## Web Application
### Single Page Application SPA

<table>
<thead>
<tr>
<th></th>
<th>Scout Classic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single HTML document</td>
<td>YES</td>
</tr>
<tr>
<td>Dynamic content loading</td>
<td>YES</td>
</tr>
<tr>
<td>Minimized server load</td>
<td>NO</td>
</tr>
<tr>
<td>and footprint</td>
<td></td>
</tr>
<tr>
<td>Client side presentation wireing</td>
<td>NO</td>
</tr>
</tbody>
</table>
Scout Classic – missing parts

- Scalability – Light Backend
- Offline – Smart Apps
- Reuse – Scout Components
- Wow GUI – highly custom gestic and animations
Scout JS
Button opens a form

Browser (HTML5, JS)

Server (Resources)

Button click

Execute action
e.g. show Form
PRO Scout JS

- Scalability
- Minimized server roundtrips
- Integrate in existing Web projects
- Ready for offline (Cordoba, ...
# Web Application

## Single Page Application SPA

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Evolution of Application Development

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  - Scout Classic
- Web Application
  - Scout JS
LIVE
Links

➤ Jswidgets (Scout reference)

➤ Example project
  - https://github.com/ahoegger/scout.example.scoutjs
Thank you