Eclipse Scout

# Scout JS

EclipseCon Europe 2016 UGM

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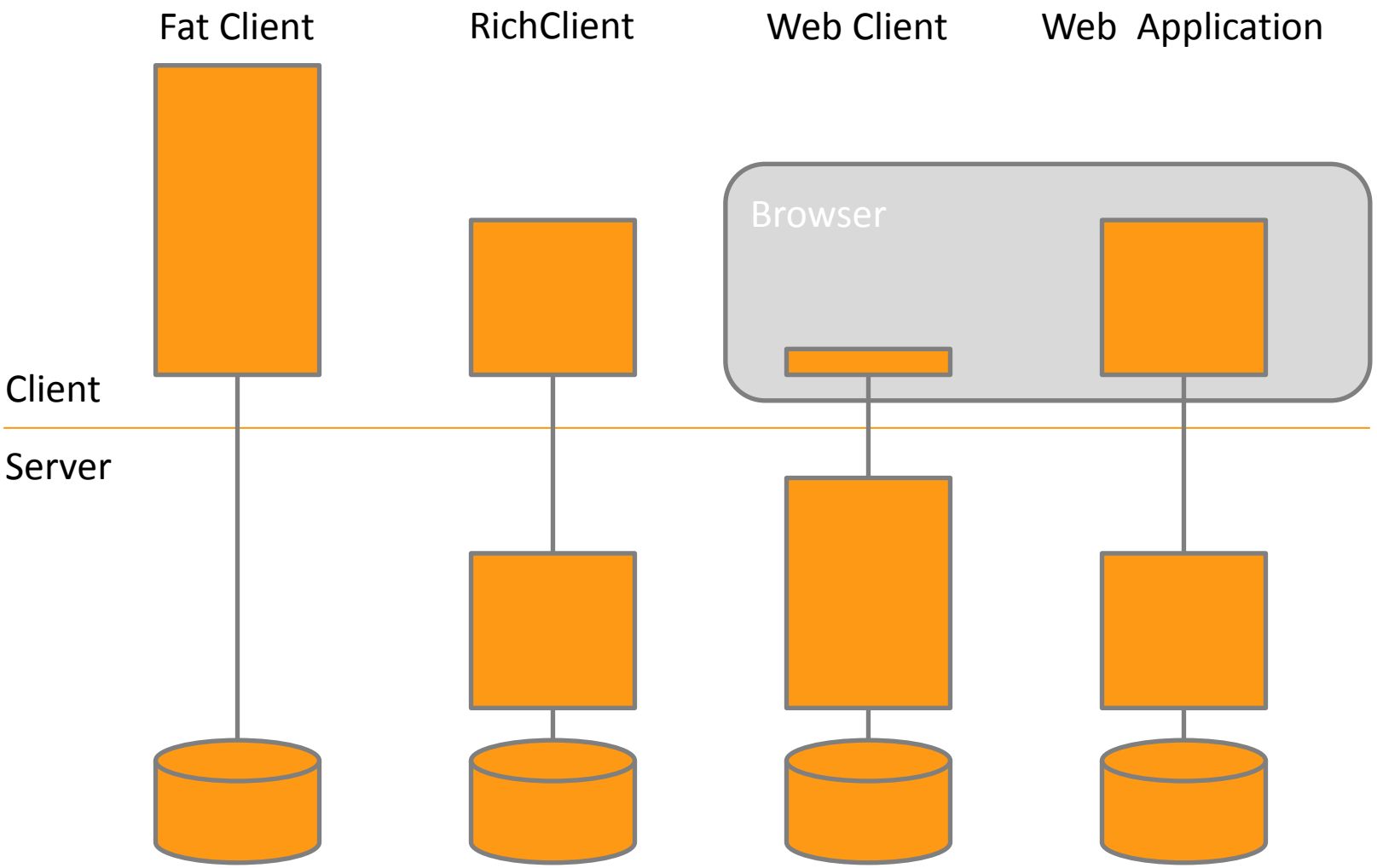
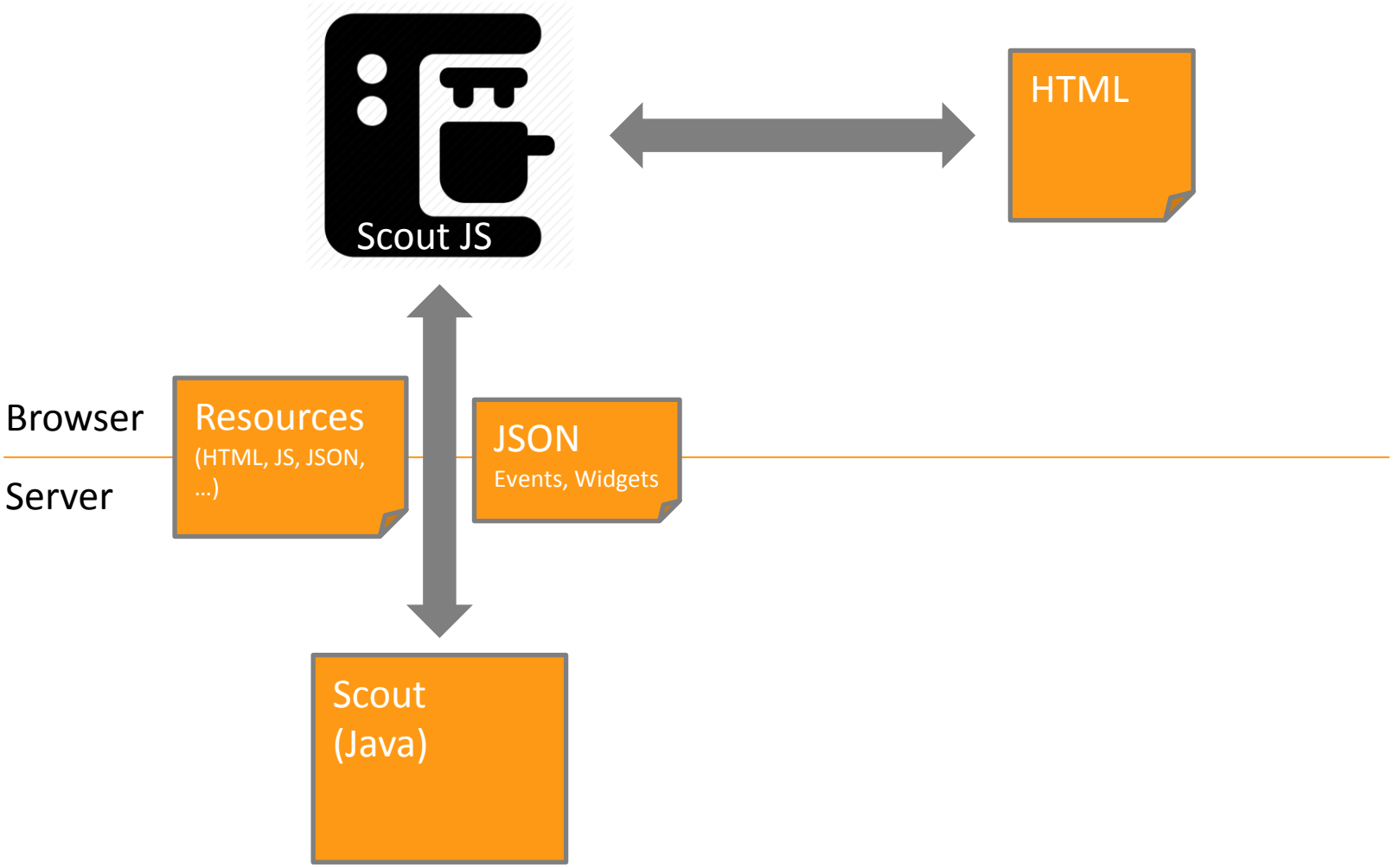
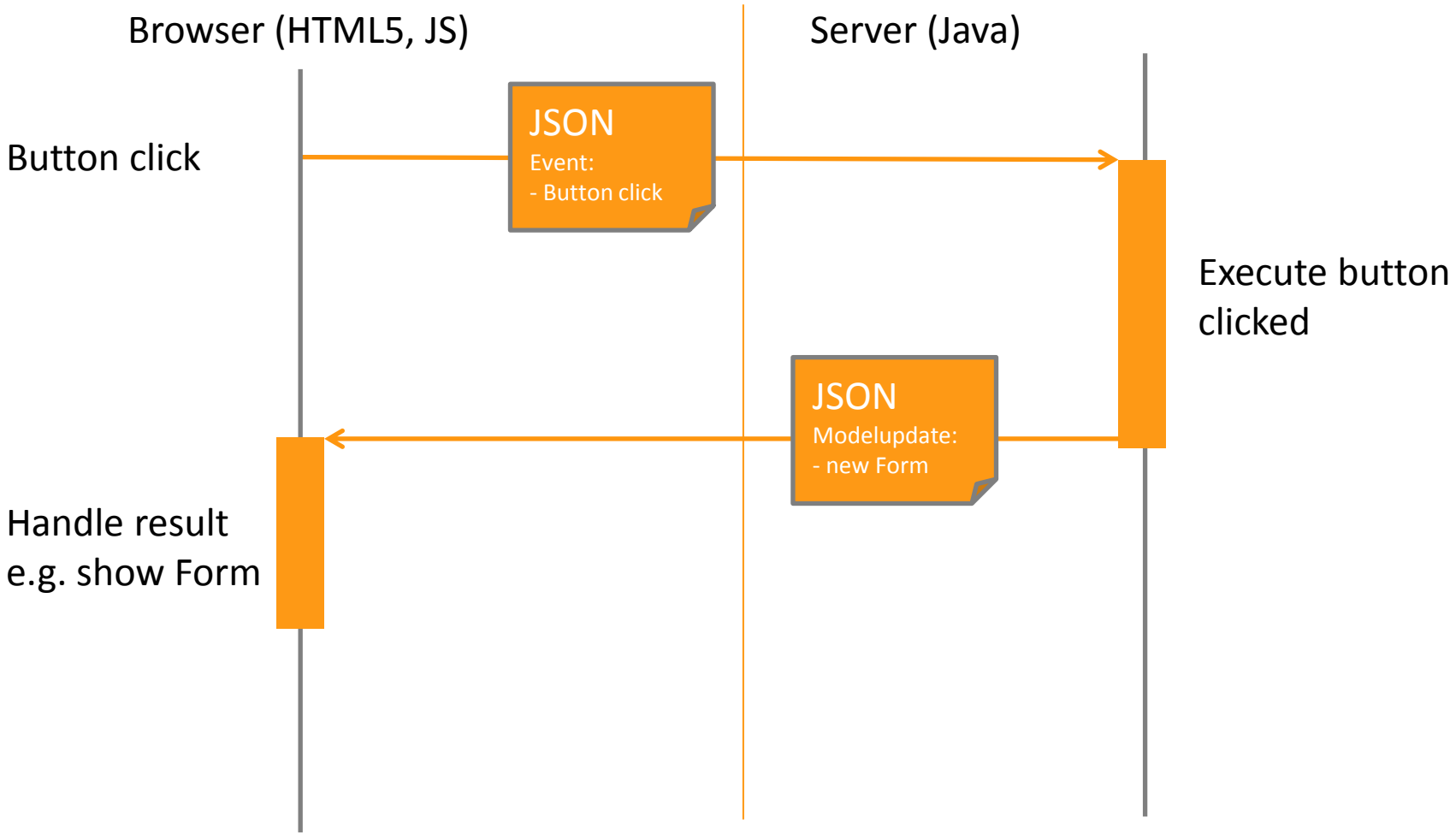
# Evolution of Application Development



# Scout Classic



# Scout Classic
# Button opens a form



# Pro Scout Classic

- ➔ Fast development
- ➔ Few JavaScript, HTML know-how required
- ➔ Java application model

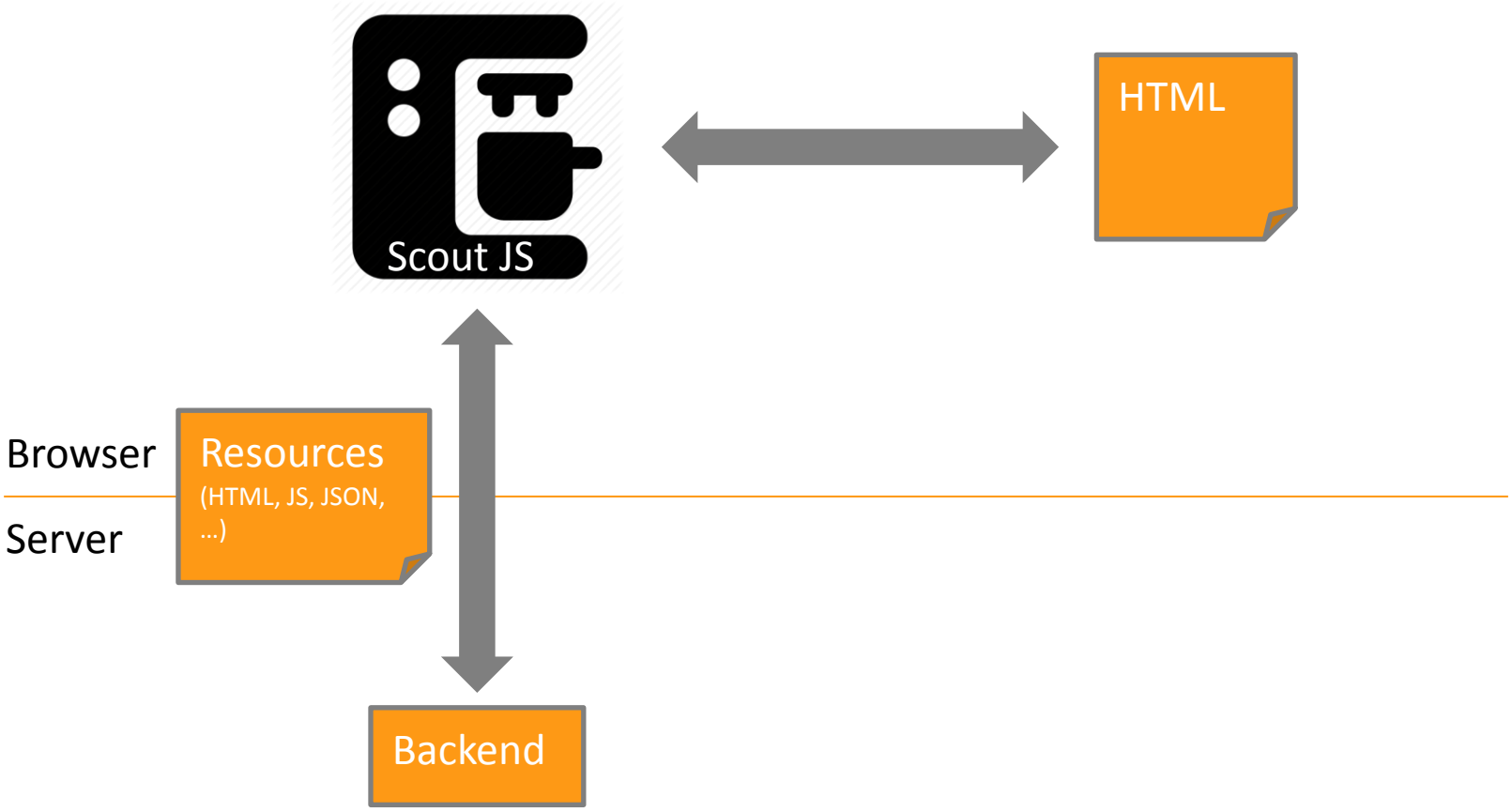
# Web Application
# Single Page Application SPA

| | Scout Classic | |
|---|---|---|
| Single HTML document | YES | |
| Dynamic content loading | YES | |
| Minimized server load and footprint | NO | |
| Client side presentation wireing | NO | |

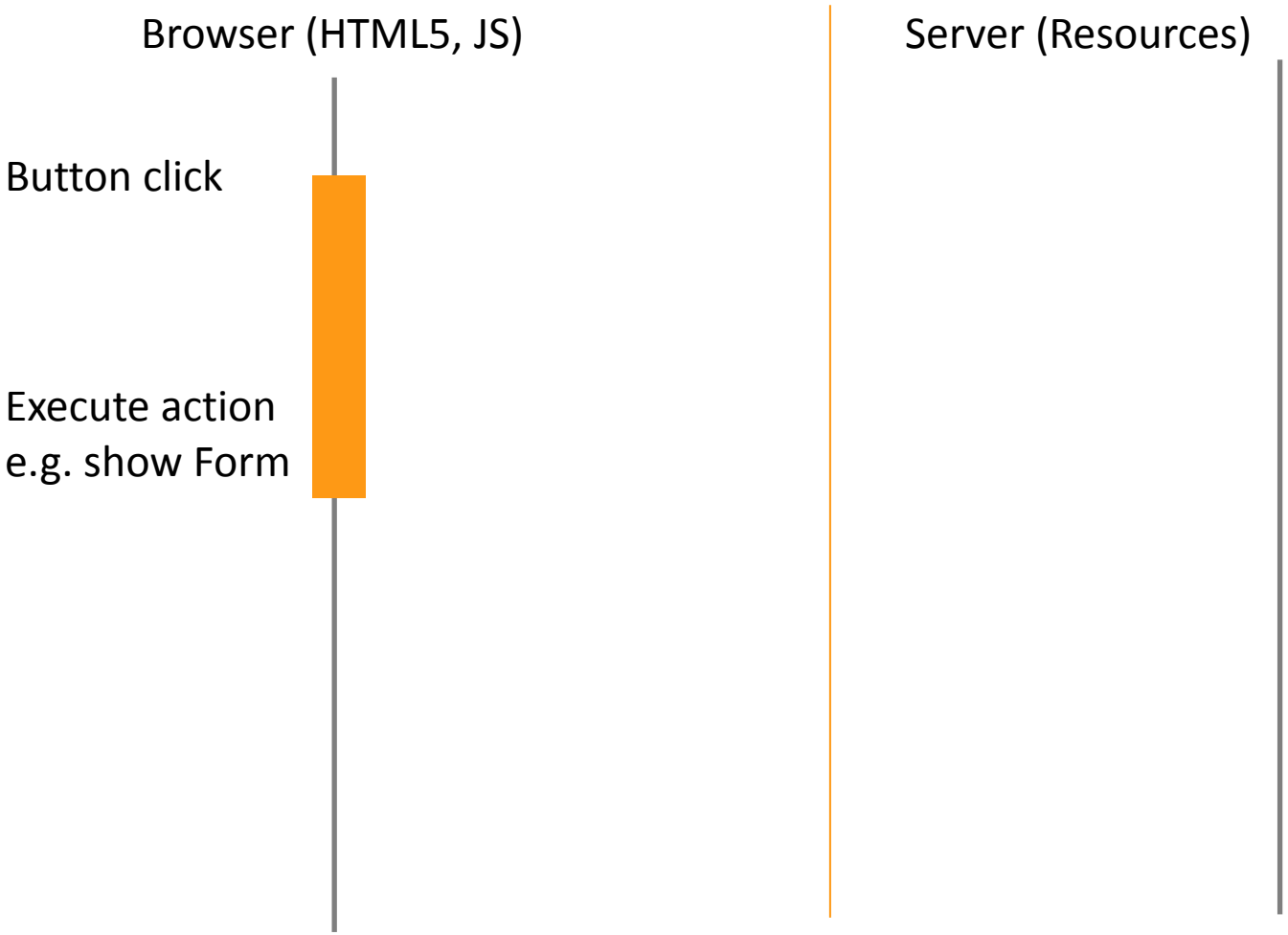
# Scout Classic – missing parts

- ➔ Scalability – Light Backend
- ➔ Offline – Smart Apps
- ➔ Reuse – Scout Components
- ➔ Wow GUI – highly custom gestics and animations

# Scout JS


Scout JS
HTML
Browser
Server
Resources
(HTML, JS, JSON, …)
Backend

# Scout JS
# Button opens a form



# PRO Scout JS

- Scalability
- Minimized server roundtrips
- Integrate in existing Web projects
- Ready for offline (Cordoba, …)

# Web Application
# Single Page Application SPA

| | Scout Classic | Scout JS |
|---|---|---|
| Single HTML document | YES | YES |
| Dynamic content loading | YES | YES |
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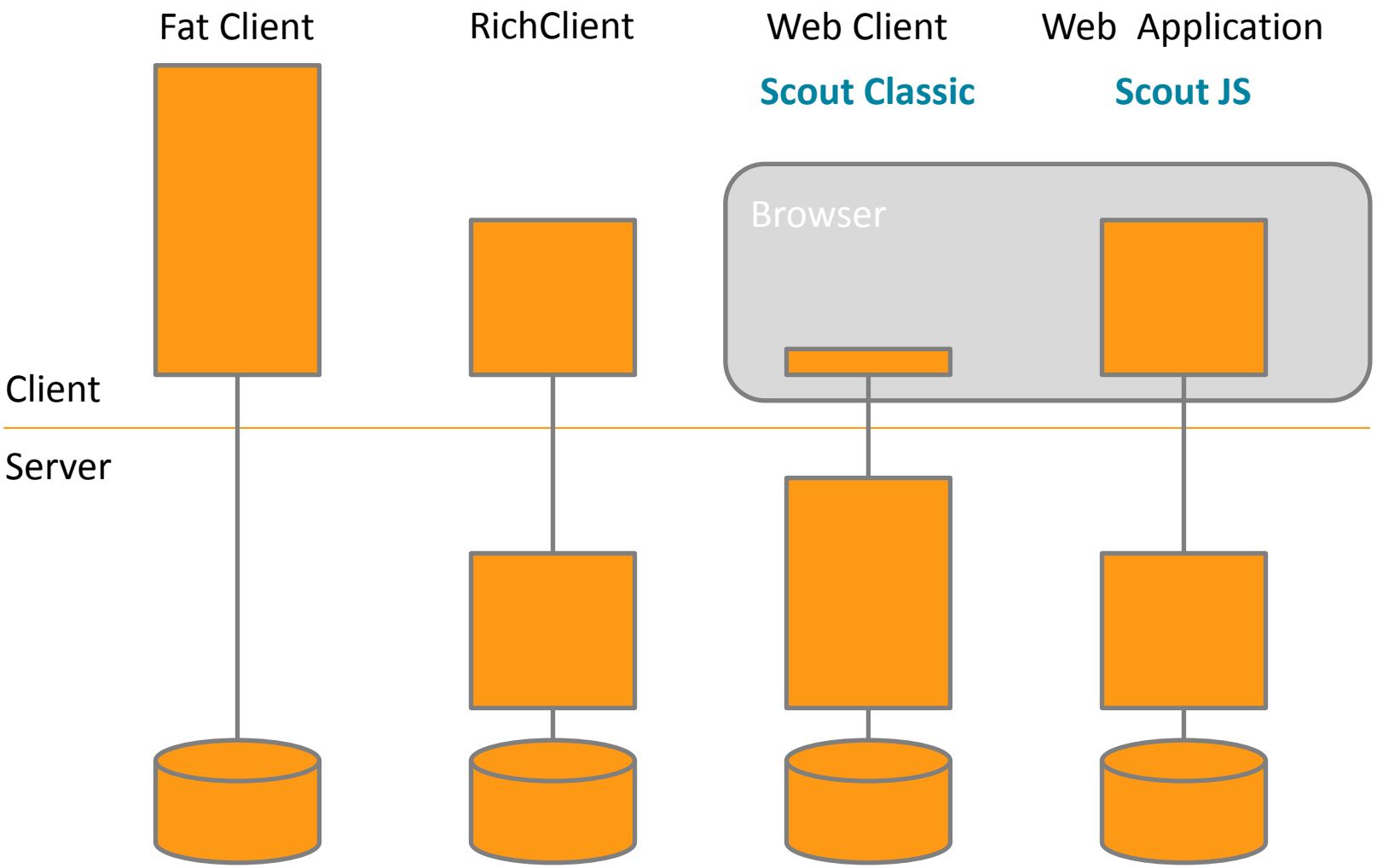
| Client side presentation wireing | NO | YES |

# Evolution of Application Development



LIVE

# Links

- Jswidgets (Scout reference)
  - https://github.com/BSI-Business-Systems-Integration-AG/org.eclipse.scout.docs
- Example project
  - https://github.com/ahoegger/scout.example.scoutjs

# Thank you