HTML5 Renderer

Ludwigsburg, 27. Oktober

Agenda

→ Issue
→ Motivation
→ Architecture
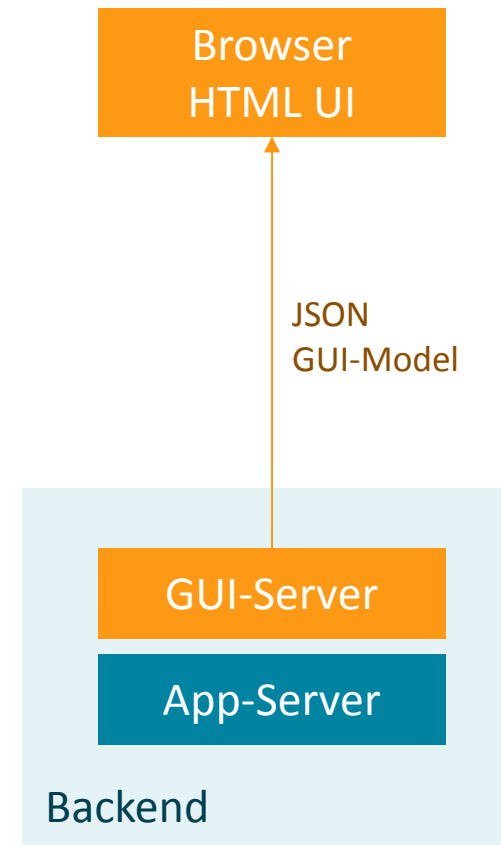→ Demo (current state)
→ Discussion

Thanks RAP

Issue

➔ RAP (RWT) – double abstraction

➔ Limited CSS Styling

➔ Limited features for advanced components (SmartField)

➔ Java Portlet Specification 2.0 (JSR 286)

➔ Offline capability

Motivation

➔ Less chatty (communication)

➔ 100% CSS support

- New look & feel

➔ HTML5 features

- animations

- Usage of new features

➔ More Web application design

➔ Responsive UI

➔ Single Page application (SPA)

Architecture

→ JSON communication protocol
→ JavaScript UI interpreter
→ HTML5

**Browser
HTML UI**

JSON
GUI-Model

GUI-Server

App-Server

Backend

Open issues

→ Offline capability

→ Client side integration (e.g. Security Dongle)

→ All others we were not able to find so far…

Demo

Discuss?