Seamless Integration: Crafting the Perfect CAP+UI5 Development Environment

Marian Zeis (Independent Consultant)

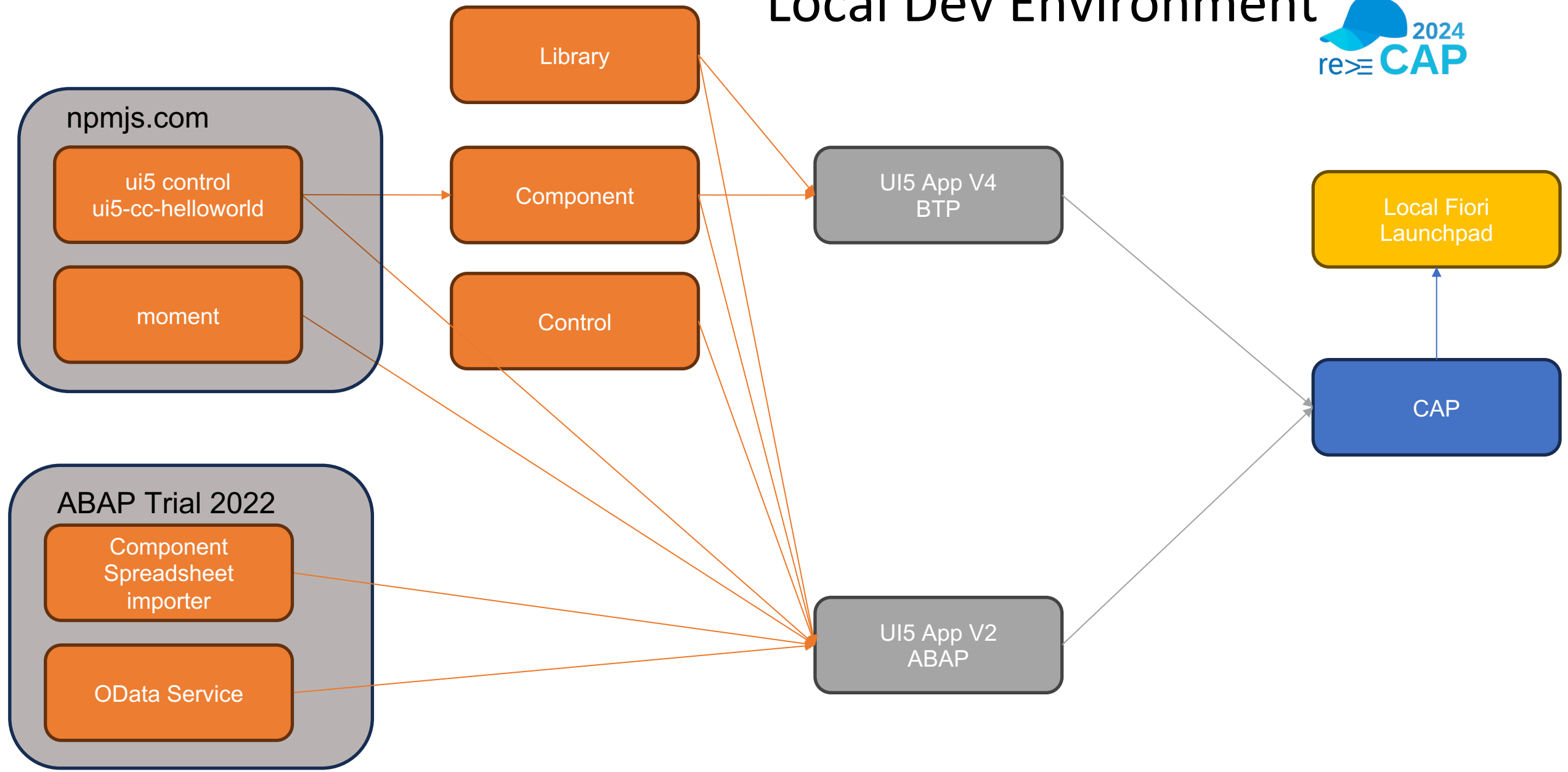
Wouter Lemaire (Independent Consultant)

Peter Muessig (SAP)

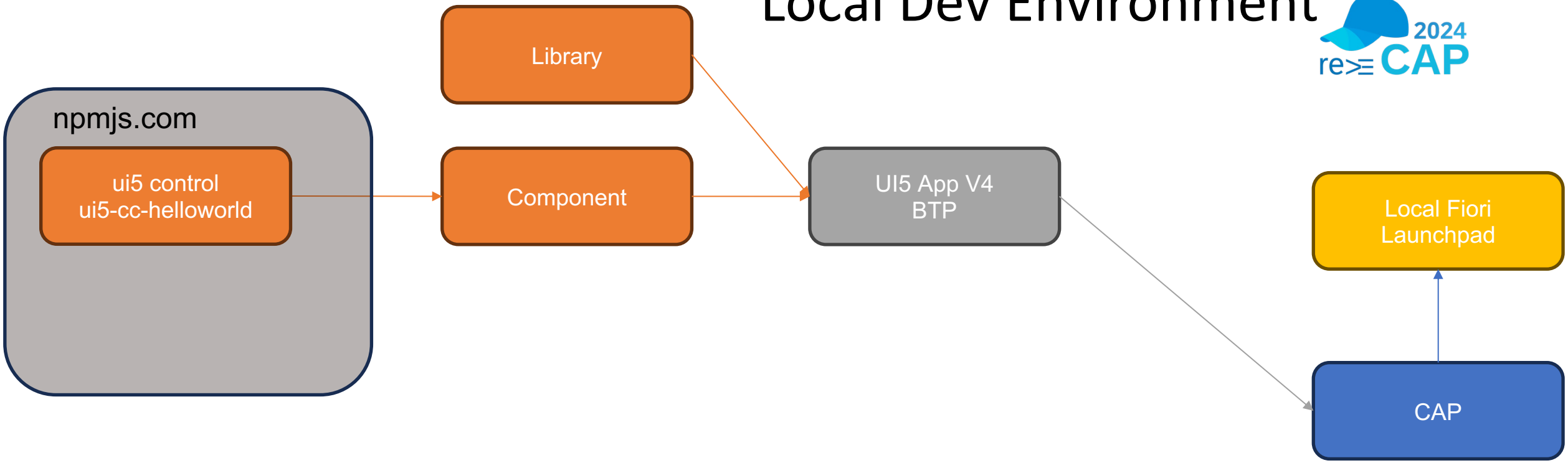
Motivation

- Complex development environment
- Several Fiori Apps
- Dependencies
  - UI5 Components
  - UI5 Libraries
  - npm UI5 Control
  - npmjs packages

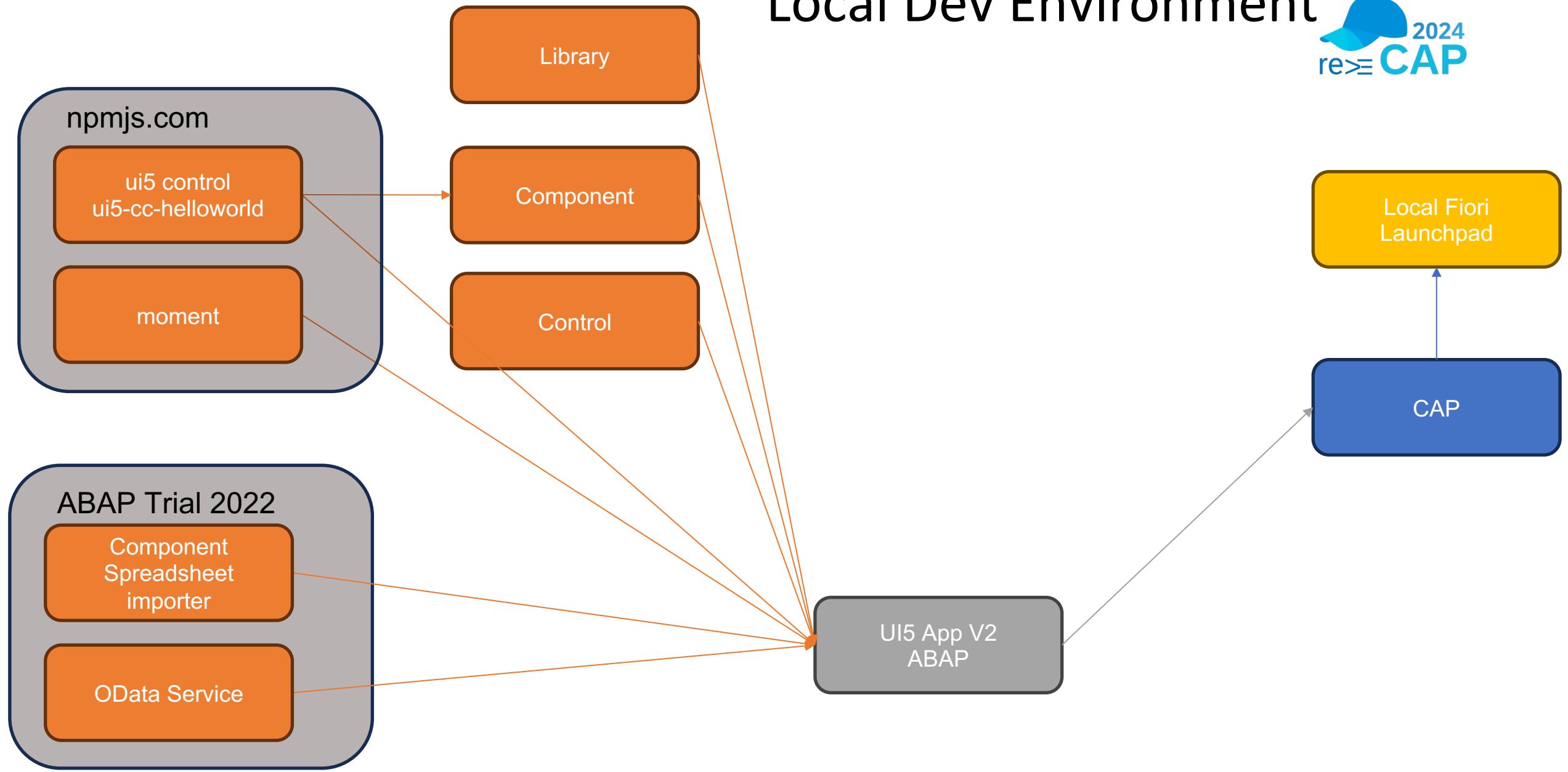
Local Dev Environment



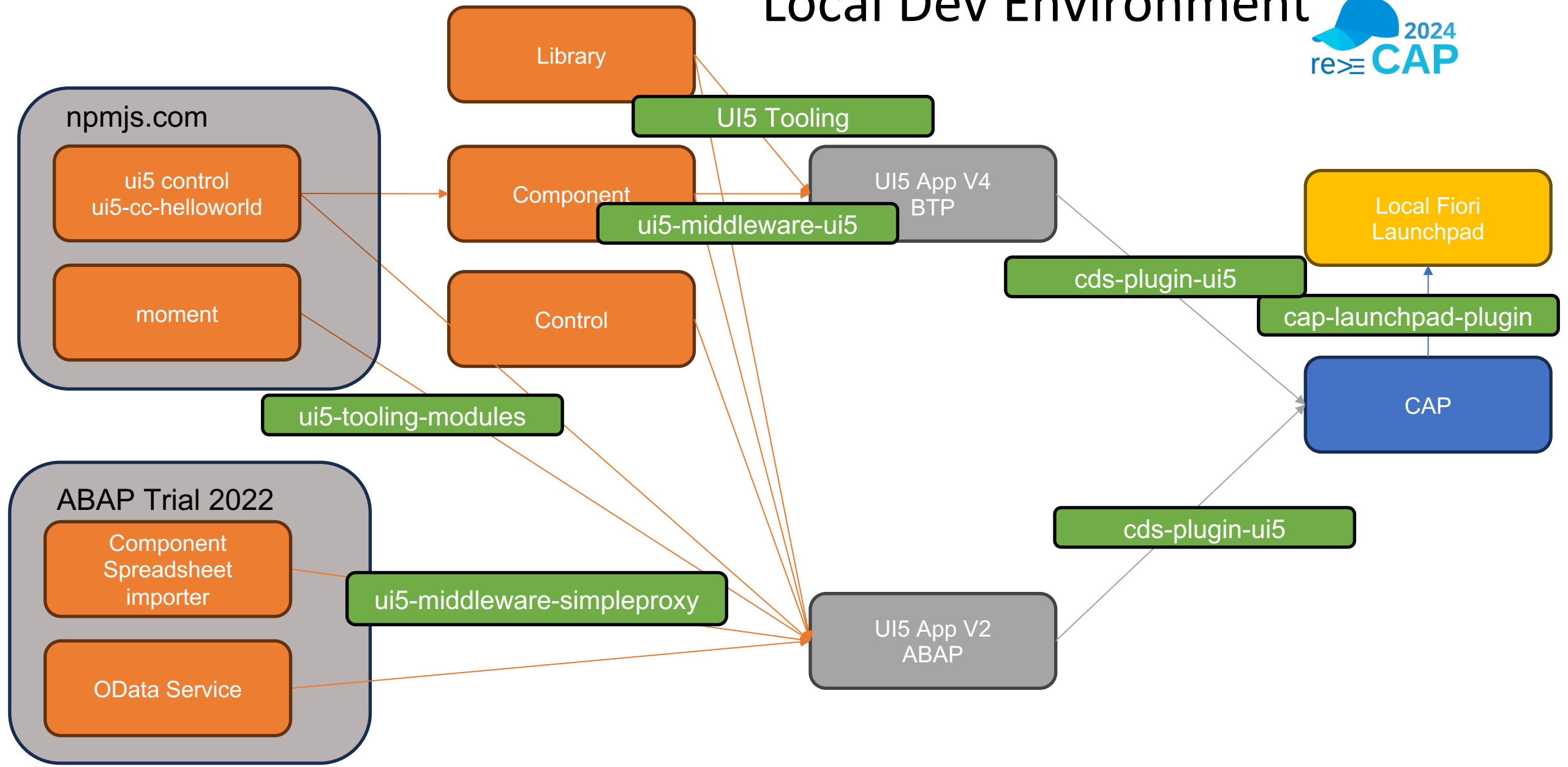
Local Dev Environment



Local Dev Environment



Local Dev Environment

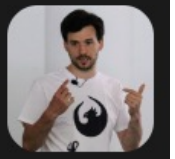


Live Demo

more related content – UI5con24

UI5con

11:00 - 11:45 Audimax Talk



Seamless Integration: Crafting the Perfect UI5 Development Environment

Marian Zeis (IT Consulting Marian Zeis)

UI5 applications are rarely standalone applications without external dependencies. Libraries, controls, components, or external third-party libraries are utilized. Along with the use of TypeScript, middleware, or other custom steps, the development environment quickly becomes complex and cluttered. When backend development with CAP is also involved, it becomes difficult to manage all dependencies and to have a good development environment.

Fortunately, a lot has happened in this area over the last year, making development easier for developers. New open-source tools have emerged that simply support developers in managing dependencies easily and quickly and in developing libraries/components/UI5 apps.

In this talk, we will introduce the latest tools and technologies that simplify and accelerate the development of UI5 applications. Using a realistic scenario, w
this process.

12:00 - 12:25 Room W1/W2 Talk

Boost Your Development Experience with UI5 Tooling Extensions

Peter Muessig (SAP)

The UI5 tooling is the development and build tooling of UI5. It is built in a modular and extensible way so that it can be easily extended by your needs. This session will showcase various tooling extensions which can boost your development experience by far so that you can really work offline, transpile your code in your project to use even newer versions of EcmaScript (than 2022 which is supported right now by the UI5 tooling), consume any npm package of your choice in your project, using different kind of proxies, and even stitching UI5 projects during development together to mimic your target environment.

Links, Slides and Contact

https://github.com/marianfoo

Thank you!

re>= CAP 2024

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