

Increase Re-Usability with UI5 Custom Controls

Drag & Drop Dashboard

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Agenda

Pre-Requisites (5 Min)

- All you need for the session



What & Why - UI5 Custom Controls

- Discuss the advantages and improvements



Session Objectives

- Milestones



ui5-cc-dndashboard

- Introduction to the custom control Library



Hands On Workshop

- Build an application using ui5-cc-dndashboard



Reflection and Q&A

- Discussion and Sharing



Pre-Requisites

All you need for the session

Dev Environment

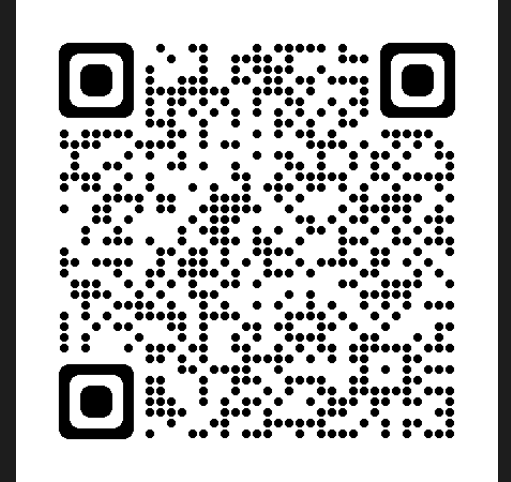
- SAP Business Application Studio
- VS Code

Git

NodeJS

UI5 Tooling CLI

Easy-ui5 generator

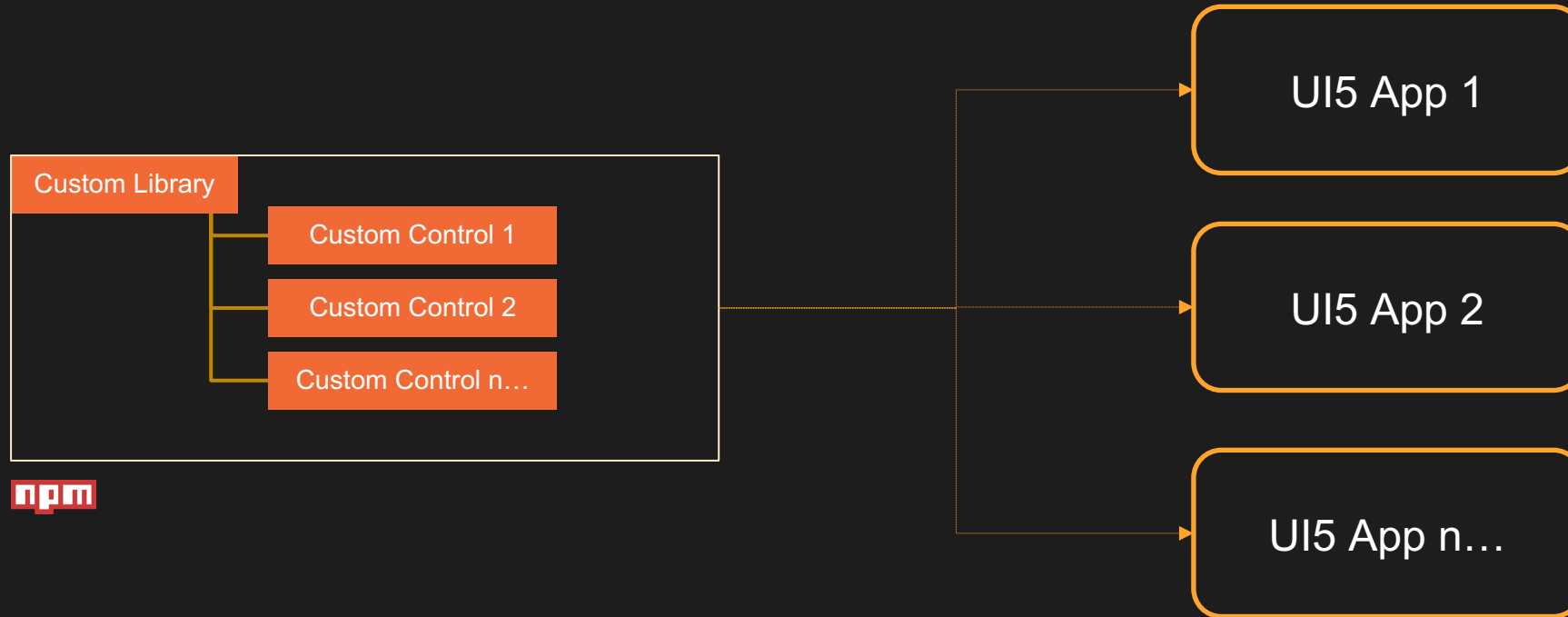


[GitHub Gist Page](#)

Lets get started, **shall we?**

What is

SAP UI5 Custom Controls & Library



Why should we use SAP UI5 Custom Controls

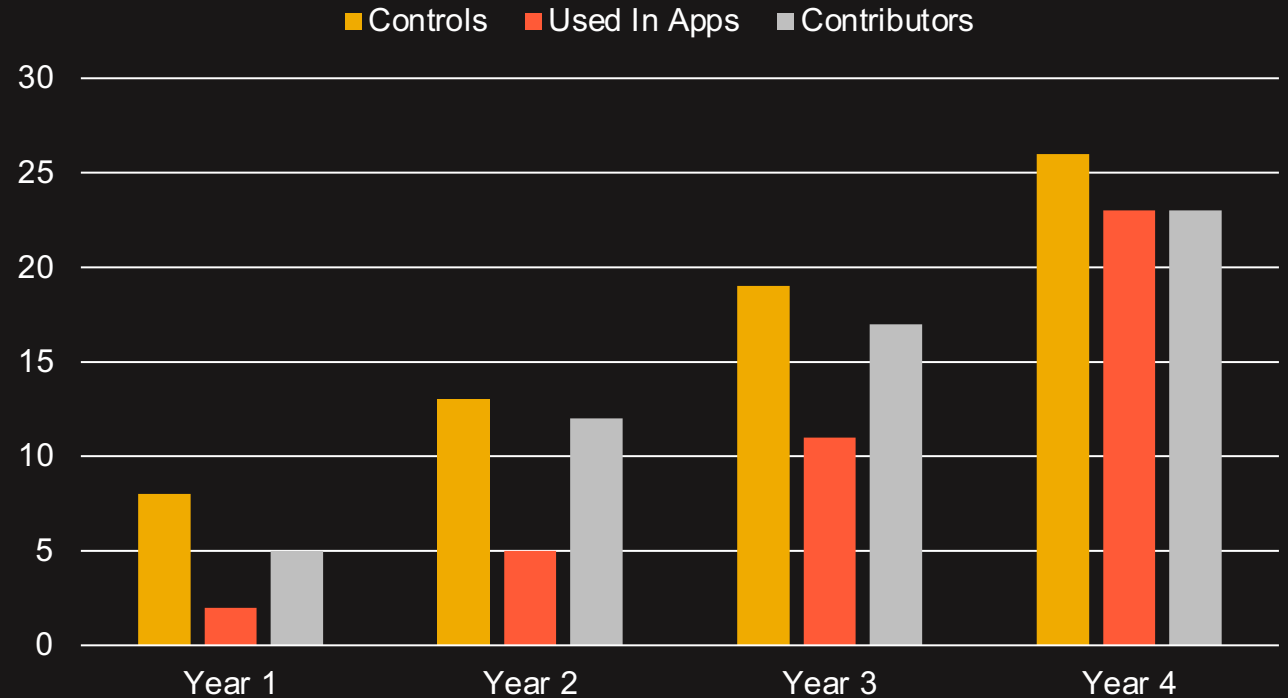
Benefits

- Central Asset Repository
- Ease of Maintenance
- Easy Consumption
- Better adherence to standards



But Needs

- Documentation
- CI/CD
- Repository Maintenance

UI5 Custom Library Sample Repository Trend Over Years



Session Objectives

- Explore the custom control library [ui5-cc-dndashboard](#)
 - Controls and Documentation
 - GitHub Actions and NPM Publish
- Create a Sample UI5 App [Reference](#)
- Consume the custom library to create a Dashboard Application
- Add some functionalities
- Customize and deploy to SAP BTP CF

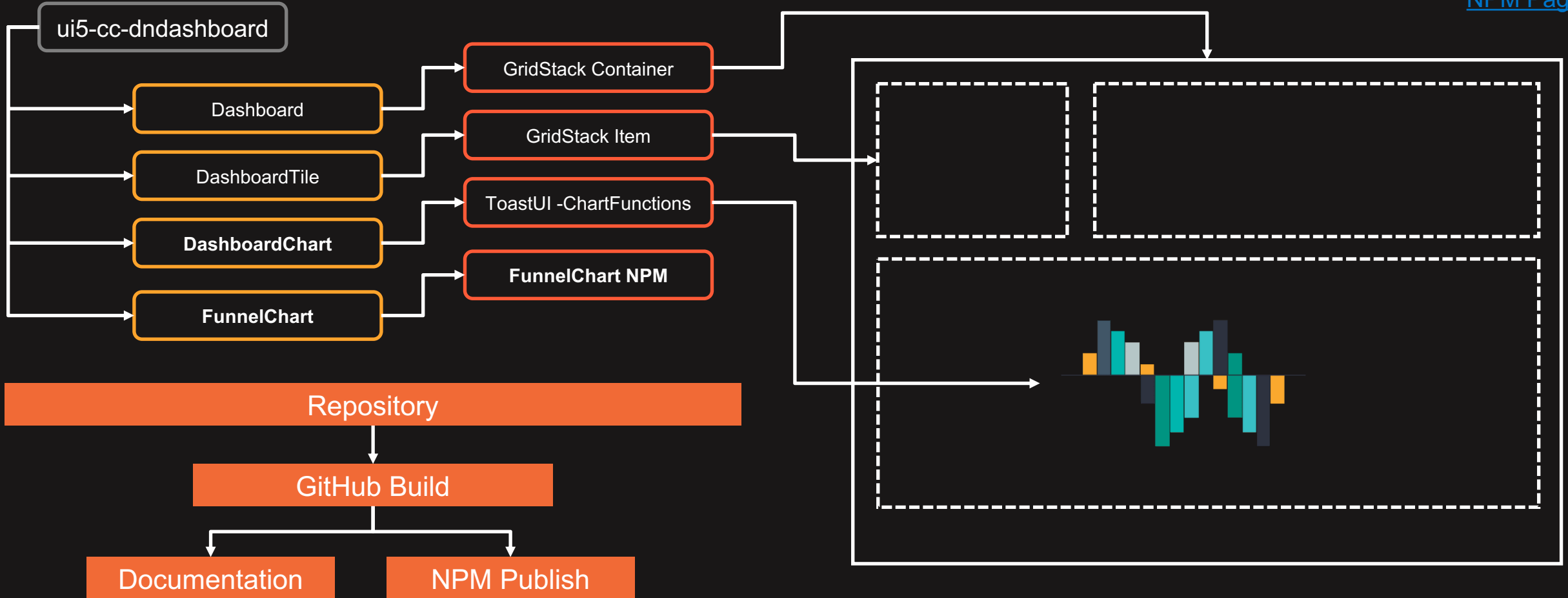
Show me the **code**

ui5-cc-dndashboard

Introduction to the custom control Library



[NPM Page](#)



ui5-cc-dndashboard

Preview



Build an application using ui5-cc-dndashboard

0%

Pre-Requisites

10%

Create a sample UI5 Application

35%

Install the required dependencies

75%

Modify the UI5 Application to consume the library

100%

Explore Application

Optional Steps



[GitHub Gist Page](#)

Reflections

- High Re-Usability
- Low Code app development
- Easy integration of multiple libraries
- Initial Setup
- Maintenance

Q&A

Let's Discuss



Thank you!

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UI5con HYBRID 