



# Viva Con Agua & SAP

## Aktueller Stand

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CUSTOMER



# Agenda

1) Relevant Links

2) Architecture

- Within SAP Landscape

3) Architecture

- Without SAP

4) Next Steps & Challenges

# Helpful Links

GitHub Repository:

<https://github.com/Viva-con-Agua/barcheck>

AngularJS:

<https://angularjs.org/>

AngularJS Material:

<https://material.angularjs.org/latest/>

Show-App (Latest Stable + ShowCase Features):

[https://barcheckshow-acb28be61.dispatcher.hana.ondemand.com/?hc\\_reset](https://barcheckshow-acb28be61.dispatcher.hana.ondemand.com/?hc_reset)

Deployment-Link (Latest Development Version):

[https://vivaconagua-acb28be61.dispatcher.hana.ondemand.com/?hc\\_reset](https://vivaconagua-acb28be61.dispatcher.hana.ondemand.com/?hc_reset)

# **Architecture**

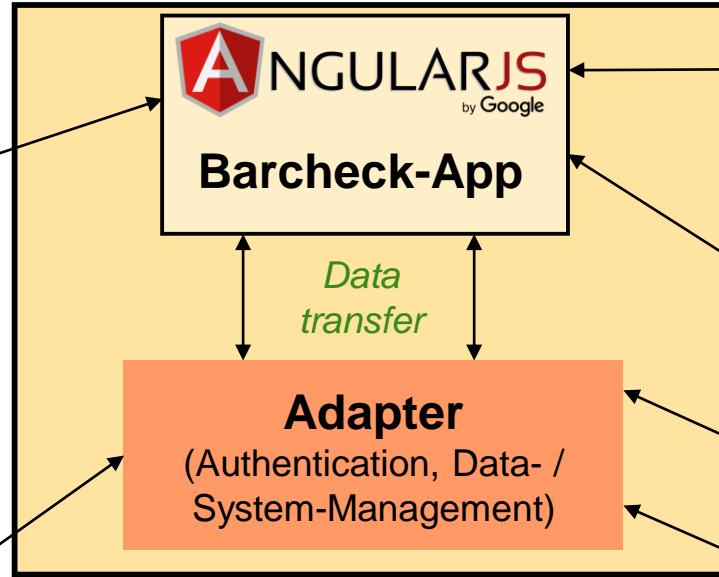
**within SAP landscape**

# Architecture

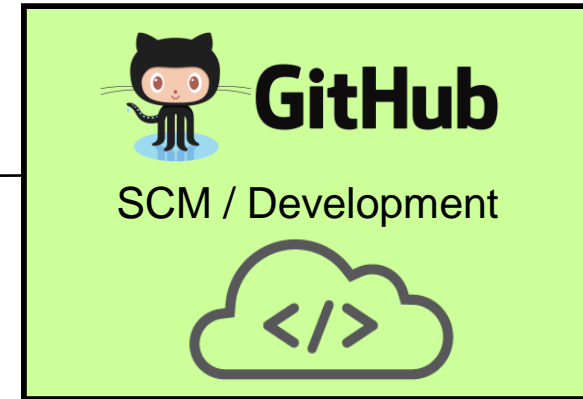
within SAP landscape



*http-Access*



**SAP** Cloud Platform



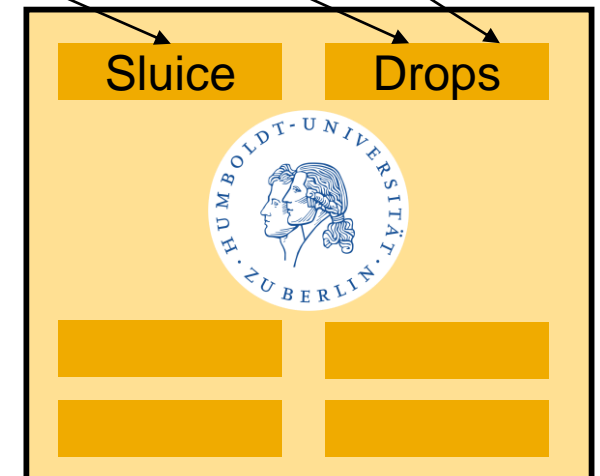
*Deployment*

*Login*

*Contact Persons*

*authenticate  
Sales Data*

*authenticate*



Microservice - Architecture<sup>5</sup>

\*

# Architecture

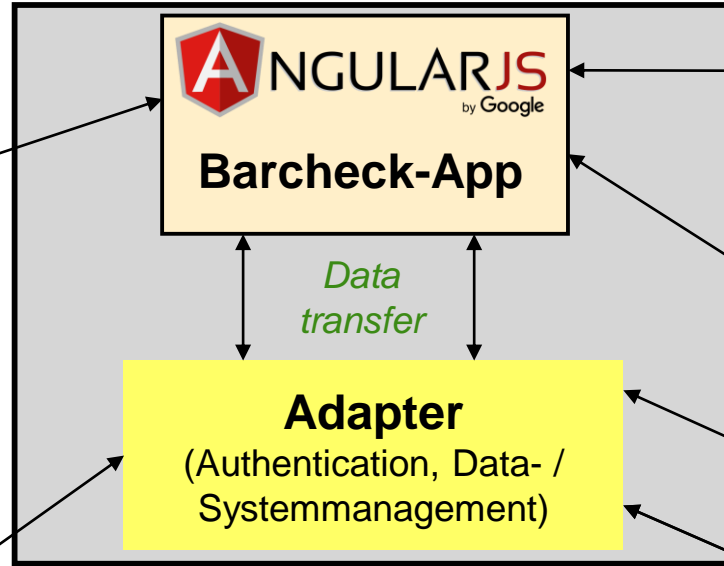
without SAP

# Architecture

without SAP

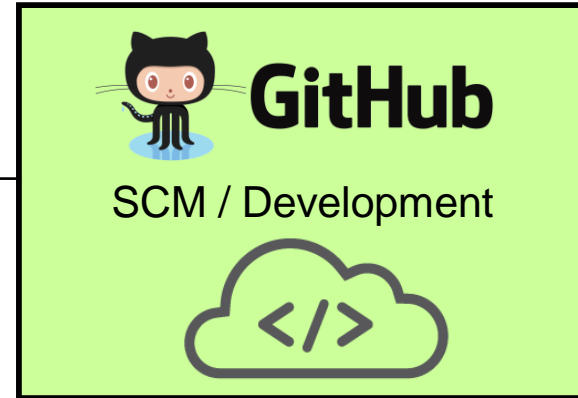


*http-Access*



Server (e.g. Apache Container)

*Deployment*

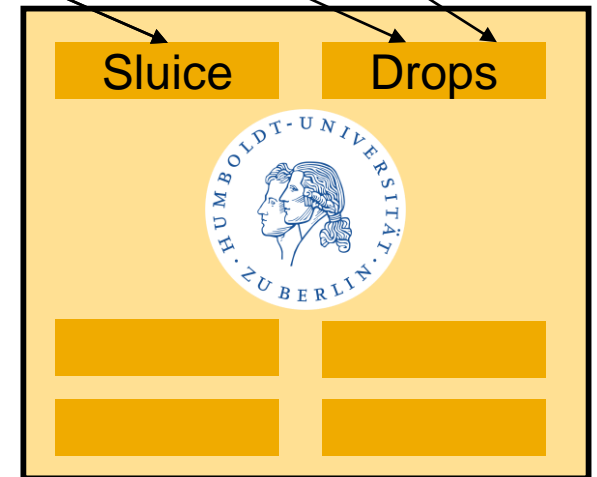


*Login*

*Contact Persons*

*authenticate*

*authenticate  
Sales Data*



Microservice - Architecture<sup>7</sup>

# Development of Adapter

Why an adapter?

- Authentication for microservice architecture on server side and not client side (would be a security issue)
- Assemble all systems under one interface that the app can connect to
- Additional Backend logic possible (Input validation, autocomplete, complexe calculation not on cliend side)



# Next Steps

# Next Steps

## Presentation Site

- Ideas for Content / Design
- (Access to) Content Management System?

MENU

### Viva con Agua – “Was ist drin?”



### Der ECHO für sociales Engagement



# Next Steps

## Corporate Design VcA

- Design Elements:
  - Icons
  - Fonts
  - Colors
- UX / UI (Re-)Design (-> Feedback)



# Challenges

TBD

# Thank you.

Contact information:

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