

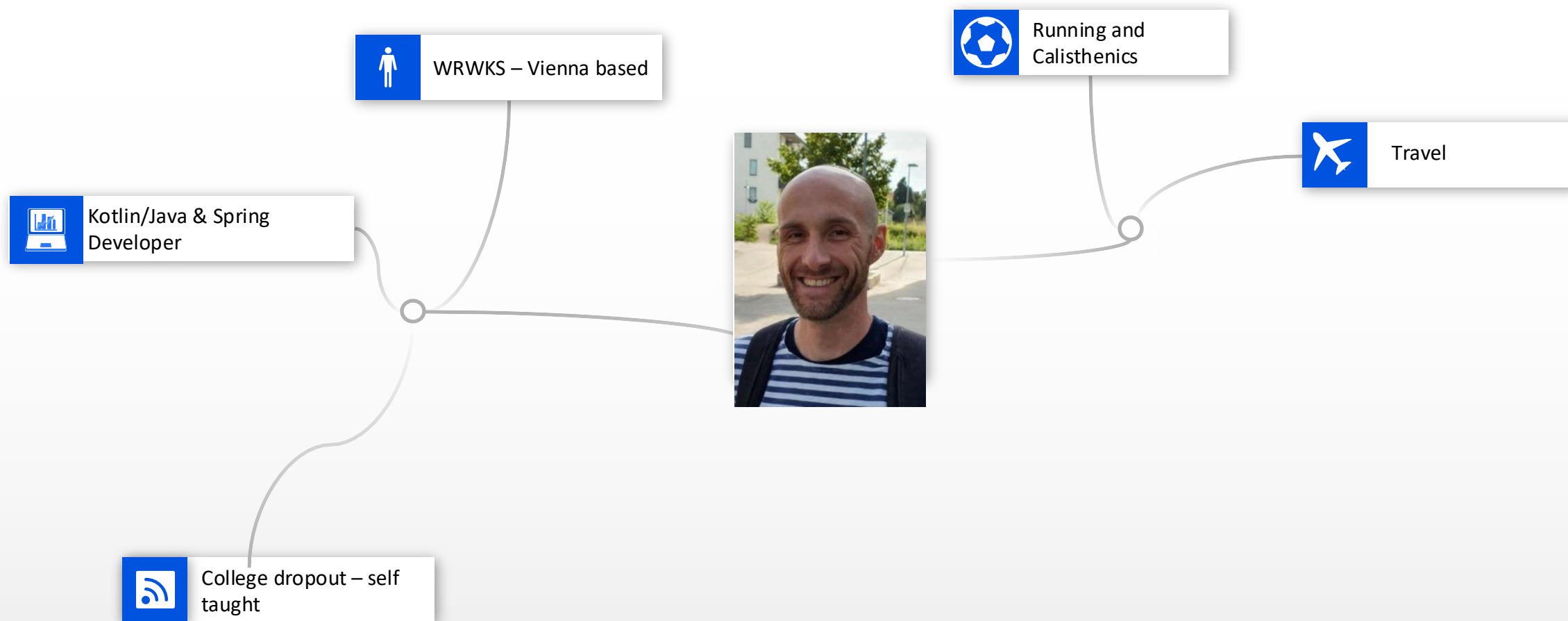
Build your own Mobile Testing devicefarm

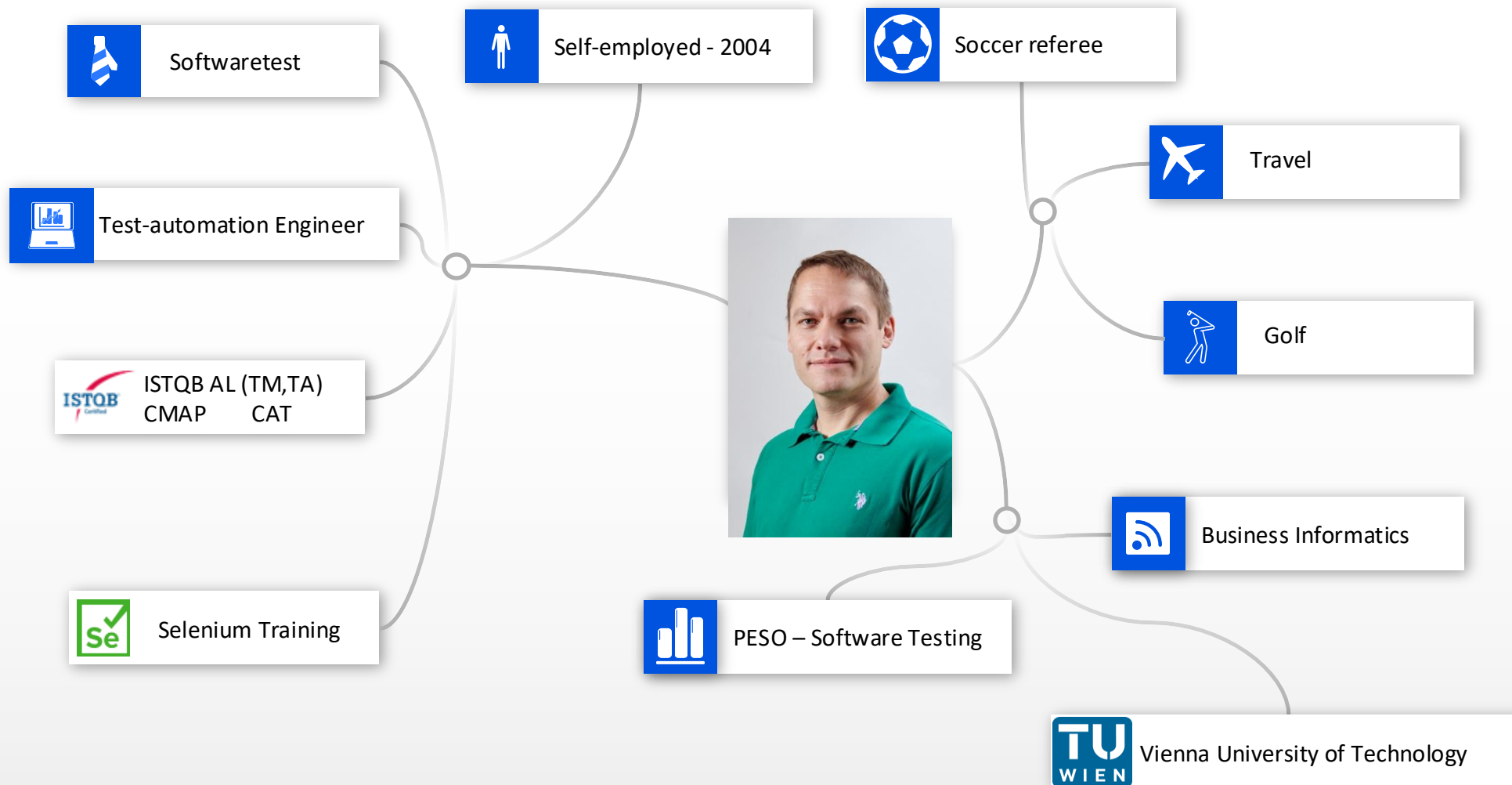
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01/04/2025



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Agenda

PART I

- ⌚ Introduction
- ⌚ Demo

PART II

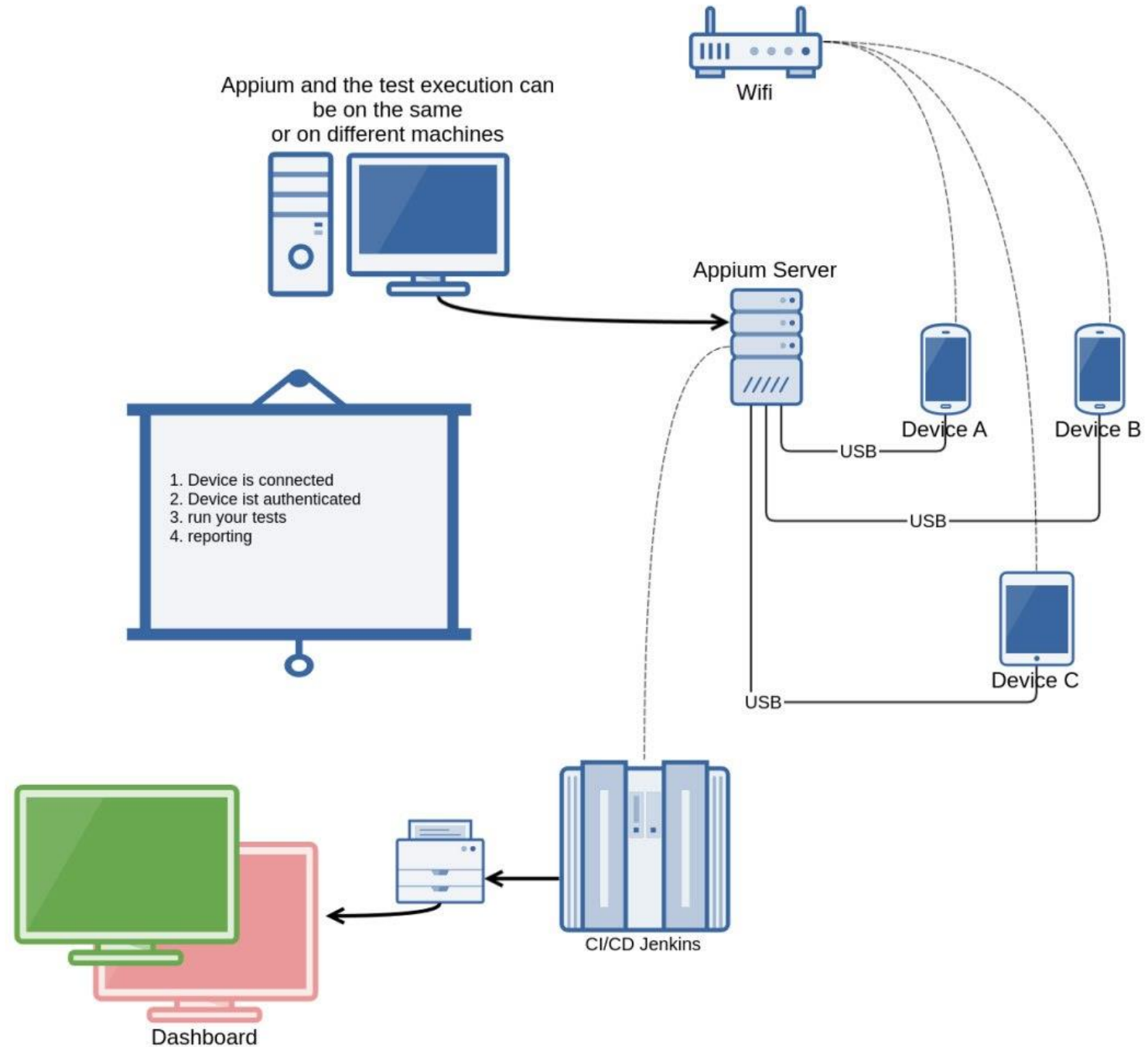
- ⌚ Practical Exercises

Why build your own devicefarm

Data protection, Internal solutions, Costs?, 24/7 availability...



Overview devicefarm



Quicksetup with SeCuGrow

Secugrow.io



SeCuGrow is a Maven archetype "Project generator"

- Quick setup for a Selenium 4 project
 - Including necessary dependencies
 - Maven archetype
 - Complete project including an example scenario
 - Immediately executable
 - Provides different run configurations

```
mvn archetype:generate
-DarchetypeArtifactId=secugrow-kotlin-archetype
-DarchetypeGroupId=io.secugrow
-DarchetypeVersion=1.9.0
-DgroupId=io.secugrow.demo
-DartifactId=ucaat_devicefarm
-DinteractiveMode=false
```

Appium configuration



Install appium:

```
> npm appium
```

Information for the setup: https://github.com/secugrow/workshop_setup

```
> appium driver list
```

```
> appium driver install uiautomator2
```

```
> appium --allow-insecure chromedriver_autodownload
```



Todo's

Generate a project with archetype

Open Project in your IDE

Connect your Android Device and authorize it

Add your deviceId to the runconfigs

Start appium (if it is not already running)

Run your test

TIME FOR A LIVE DEMO



**WHAT COULD POSSIBLY GO
WRONG?**

makeameme.org



SeCuGrow



Links you like

<https://appium.io/docs/en/2.1/quickstart/install/>

<https://secugrow.io>

<https://www.selenium.dev/documentation/overview/>

https://github.com/secugrow/workshop_setup

DIY - Devicefarm

Your devices, your privacy

 secugrow.io	Runs with every webDriver implementation 	<small>© Cucumber Limited</small>  Cucumber.io
 peso.inso.tuwien.ac.at	@ office@wrubel.at	AL – Test Manager AL – Test Analyst 
	 https://github.com/secugrow	 linkedin.com/in/boriswrubel
 		

Summary

- Projectsetup with secugrow
- appium-server startup
- Configure Smartphone(s)
- Run your tests