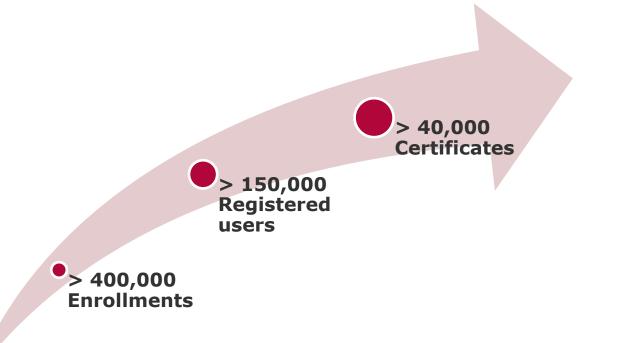


openHPI – Some Numbers









openHPI's Coding **Tool Family** Deutschland Thomas der Juber,

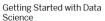
Ausgezeichneter Ort 2015



Other Instances









SAP HANA Cloud Platform* Essentials (Repeat)



openSAP

- Cooperation with SAP 2013
- ~2.000.000 Enrollments
- https://open.sap.com



Introduction to Zika virus disease



Risk communication essentials



- Cooperation with WHO 2016
- https://openwho.org/



Mastering Digital Transformation



Modeling Business Processes with BPMN

mooc, House

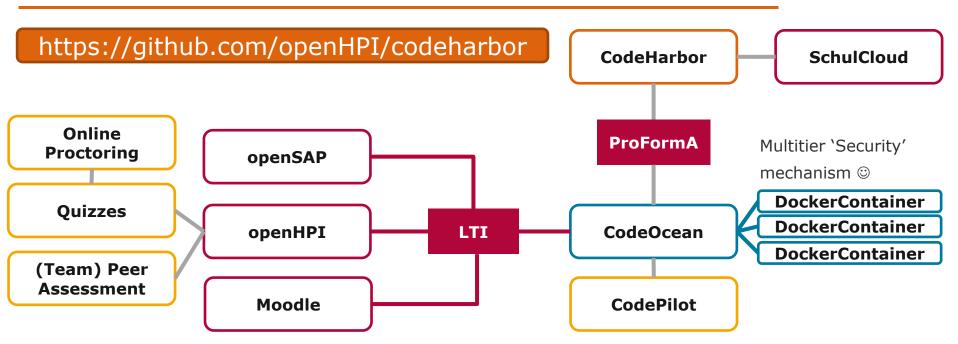
- White label MOOC Platform
- https://mooc.house/
- Signavio, acatech, Charité, msg systems

openHPI's Coding **Tool Family**

Thomas Staubitz, Ralf Teusner

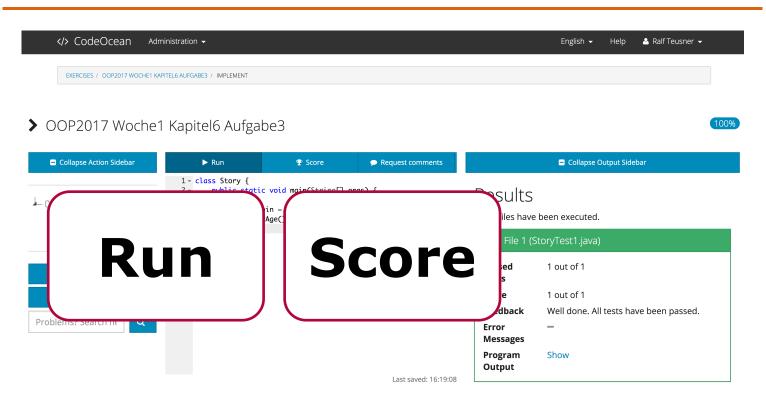
openHPI – CodeOcean, CodeHarbor, CodePilot





https://github.com/openHPI/codeocean

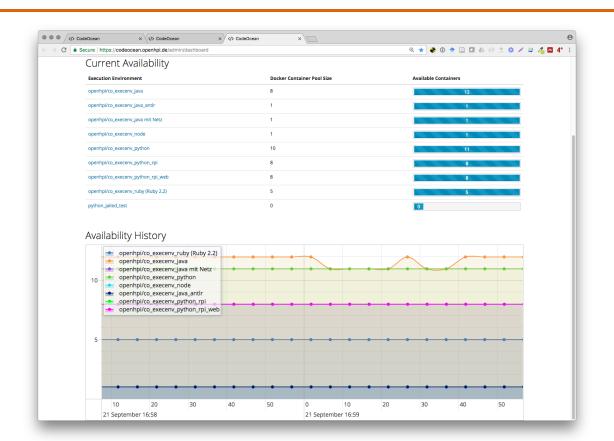




openHPI's Coding Tool Family

Thomas Staubitz, Ralf Teusner

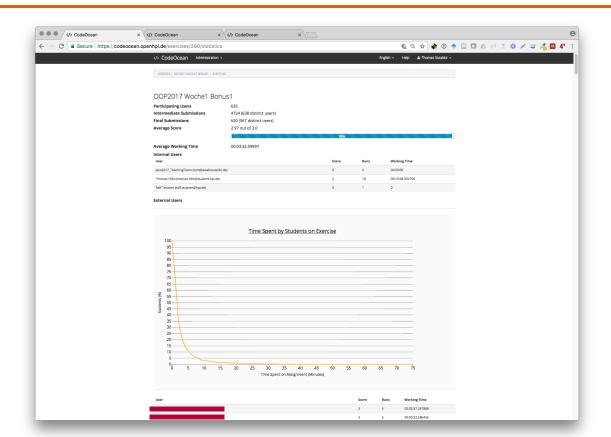




openHPI's Coding Tool Family

Thomas Staubitz, Ralf Teusner

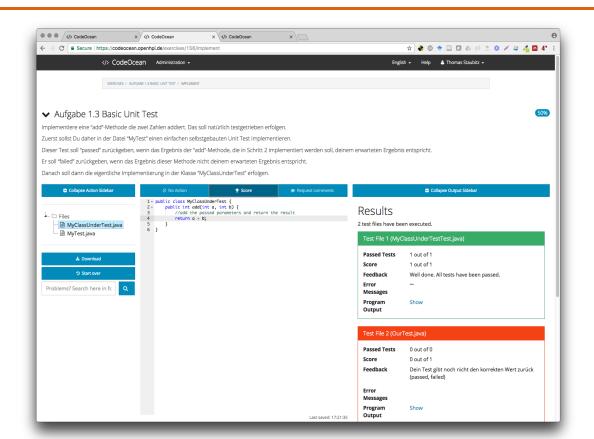




openHPI's Coding Tool Family

Thomas Staubitz, Ralf Teusner





openHPI's Coding Tool Family

Thomas Staubitz, Ralf Teusner



■ In use:

- □ Java JUnit
- □ Python PyUnit + custom for Turtle exercises
- □ Ruby RSpec
- NodeJS

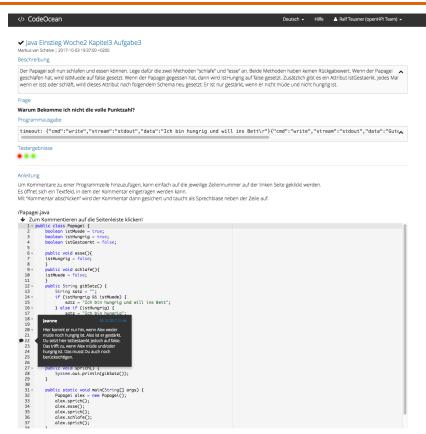
Possible:

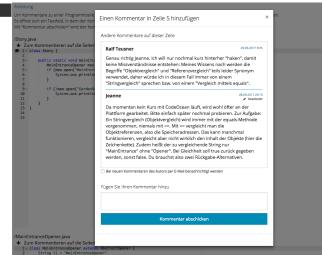
- All other programming languages (that can be run on a Linux system)
- □ Todo: create Docker image + write adapter for test framework
- Test-Driven Development
- Virtual lab for "Smarthome" courses

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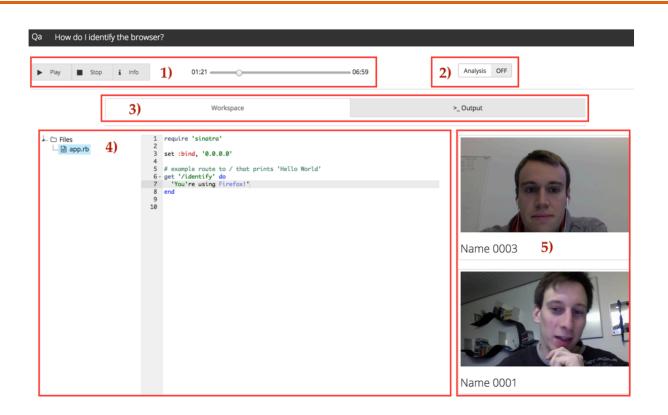


openHPI's Coding Tool Family

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CodePilot – A Peephole to Participants



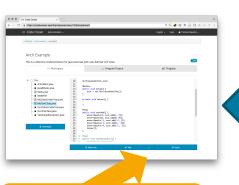


openHPI's Coding Tool Family

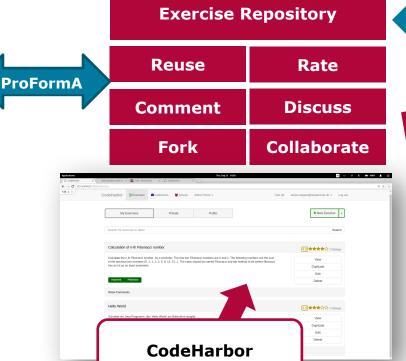
Thomas Staubitz, Ralf Teusner

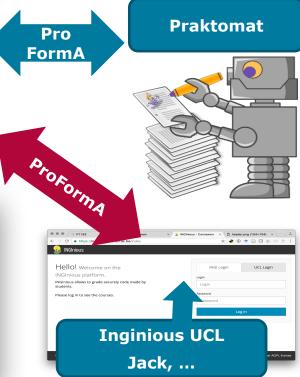
CodeHarbor – Repository for Autogradable Coding Exercises





CodeOcean





CodeHarbor -Open Questions

Connect Graders



Ralf Teusner





