Running and writing integration tests for Keycloak

Recap previous session

- assumption is more contributions help
- prepare hackathon



- everyone is invited to share things: hour of code with e.g. UI development?

Today: Running and writing integrations tests

aka: what would be the next useful step for Keycloak DevDay 25 Hackathon...

Prerequisite for today

Getting started! - Setup to build, run and debug keycloak on your local machine

Note: Since ~ 14.12.25 IDELauncher

stops working - some changes required

Testing in keycloak

Ensure quality of a single change aka.

run with a PR build

Conformance Testing

Load/Performance Testing

Security
...

Testing within a pull-request

Ensure quality of a single change aka. run with a PR build

> IntegrationTests (Java)

> > **Model Tests** (Java)

Quarkus Tests (Java)

Account-UI e2e (JS)

e2e Admin-UI (JS)

JUnit Tests (Java)

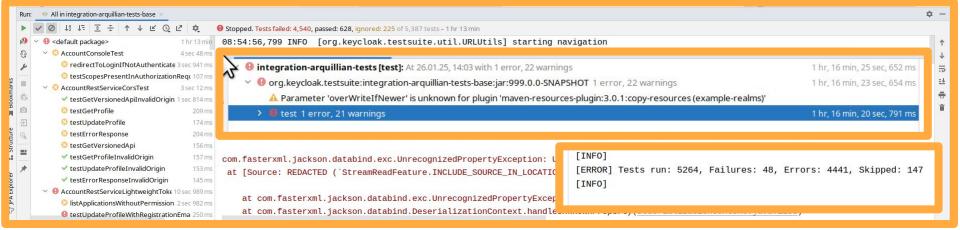
Operator Tests

Java Integration Tests

Integration Tests (Java)

<u>Arquillian</u> based Integration Tests (Java)

New Test-framework
Integration Tests
(Java)



What to you think about today's session? Please provide feedback!

If there should be another episode - which topic?

Ideas how to make this contribution related knowledge maintainable?

Thank you! Any questions?