



adaptTo()

APACHE SLING & FRIENDS TECH MEETUP
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Automated rights&roles testing with AC Validator
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Why another tool?

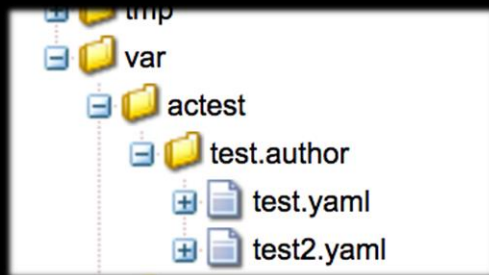
Why another tool?

- AC Testing important part of project
- Complex testing
- Support for testers

Features

Features

- Fast test creation
- Test definition via YAML
- Testfiles are part of project
- Leveraging runmodes



Features

- Testing of cq:actions
- Simulation of tests
 - Page management
 - User and group management

YAML Format

- Variables
- loops
- Page tests
- User tests

YAML Example

```
- variables:
  - RETAIL: /content/we-retail

- tests:

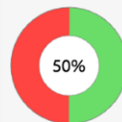
  - testgroup:
    - FOR LANGUAGE IN [ de, en, fr]:
      - pages:
        - path: ${RETAIL}/${LANGUAGE}
          actions: modify
          permission: allow
          propertyNamesModify: jcr:title,summary
          simulate: 'true'

      - useradmin:
        - action: assignUserToGroup
          group: testgroup2
          permission: allow
```

Integration in AEM

- Test execution
 - GUI

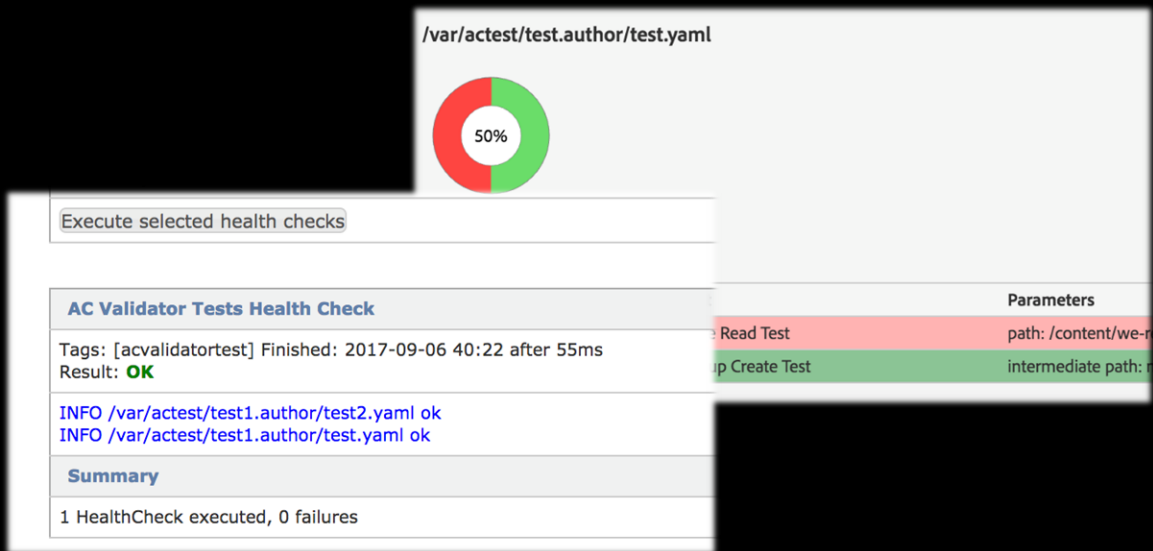
/var/actest/test.author/test.yaml



Details >>

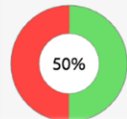
Authorizable	Test	Parameters
testgroup1	Page Read Test	path: /content/we-n
testgroup1	Group Create Test	intermediate path: r

- Test execution
 - GUI
 - Health check



- Test execution
 - GUI
 - Health check
 - JMX

/var/actest/test.author/test.yaml



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Execute selected health checks

AC Validator Tests Health Check

Tags: [acvalidator] Finished: 2017-09-06 40:22 after 55ms
Result: **OK**

INFO /var/actest/test1.author/test2.yaml ok
INFO /var/actest/test1.author/test.yaml ok

Runs the test file(s)

java.lang.String path /var/actest/test1.author
Path where test file(s) are located. Can be a file or folder.

Invoke

File /var/actest/test1.author/test2.yaml

Tests run: 2
Tests ok: 2
Tests failed: 0

Parameters

Read Test	path: /content/we-n
up Create Test	intermediate path: r

Live Demo

Links

AC Validator homepage:

<https://github.com/Netcentric/access-control-validator>

netcentric

<https://github.com/Netcentric>

<http://www.netcentric.biz>