

EDIT - task #9459

REST API tests for UTIS

02/09/2021 08:17 AM - Andreas Kohlbecker

Status:	New	Start date:	
Priority:	New	Due date:	
Assignee:	Andreas Müller	% Done:	0%
Category:	utis	Estimated time:	0:00 hour
Target version:	UTIS 1.4		
Severity:	normal		

Description

There is already a test suite <http://int.e-taxonomy.eu/jenkins/job/utis-jmeter-tests/> which could be repaired.

Otherwise we may want to use another test tool like Gatling, ...

This descission may also depend on the kinds of tests that are to be applied:
Which tests to we need to implement?

- API Functional Tests (Tools: Gatling, REST Assured + Hamcrest to do assertions, jMeter?,)
- Load tests (Tools: Gatling, jMeter?, ...)
- Soak Tests
- Peak Tests

For a brief introduction into the different test types and on a quite subjective and selective overview on existing tools, see for example: <https://dzone.com/articles/5-types-of-tests-to-perform-on-your-apis>

Comparison of [gatling, jmeter and grinder](#)

On how to run Gatling load tests from distributed client machines to crate a heavy load on a server or cluster of servers: <https://dzone.com/articles/running-gatling-with-distributed-environment>

Maybe include into Cucumber (<https://cucumber.io/docs/guides/api-automation/?lang=java>)

Some links for REST assured: <https://rest-assured.io/>, <https://github.com/rest-assured/rest-assured/wiki/Usage>

Related issues:

Related to EDIT - task #9460: REST API tests	New
--	------------

History

#1 - 02/09/2021 10:08 AM - Andreas Kohlbecker

- Description updated

#2 - 02/09/2021 10:44 AM - Andreas Kohlbecker

- Description updated

#3 - 02/09/2021 11:15 AM - Andreas Kohlbecker

- Description updated

#4 - 02/25/2022 04:48 PM - Andreas Müller

- Project changed from UTIS to EDIT

- Category changed from utis to utis

- Target version set to UTIS 1.4

- Severity set to normal

#5 - 02/25/2022 04:53 PM - Andreas Müller

- Assignee changed from Andreas Kohlbecker to Andreas Müller

#6 - 03/23/2022 12:19 PM - Andreas Müller

- Related to task #9460: REST API tests added

#7 - 09/22/2023 03:45 PM - Andreas Müller

- Description updated

#8 - 09/22/2023 03:47 PM - Andreas Müller

- Description updated

#9 - 09/26/2023 02:55 PM - Andreas Müller

- Description updated