

EDIT - task #6074

test for the name catalogue service

09/13/2016 10:38 AM - Andreas Kohlbecker

Status:	New	Start date:	
Priority:	Priority14	Due date:	
Assignee:	Andreas Kohlbecker	% Done:	0%
Category:	devOps	Estimated time:	0:00 hour
Target version:	Unassigned CDM tickets		
Severity:	normal		
Description			
the name catalogue has failed in the past an no one noticed it: #5860			
We already have tests for the catalogue (http://test.e-taxonomy.eu/jenkins/job/edit-name-catalogue-jmeter-tests/) but these are not working anymore!			
We urgently need new tests or the existing test must be fixed.			
Gatling			
Gatling seems like a good general purpose tool to test rest services: http://sysgears.com/articles/restful-service-load-testing-using-gatling-2/			
Virtual users vs requests per second			
Since users are vague metric, but requests per second is metric that most server monitoring tools support it is possible to use this approach. Gatling supports so-called throttling: throttle(reachRps(100) in 10.seconds, holdFor(5.minutes)). It is important to put holdFor() method, otherwise, Gatling goes to unlimited requests per second and can crash the server. More details on simulation setup can be found on Gatling Simulation setup page. (from https://automationrhapsody.com/performance-testing-with-gatling-tips-and-tricks-for-advanced-usage/) See also https://gatling.io/docs/current/general/simulation_setup/			
Connection Sharing			
In Gatling 1, connections are shared amongst users until 1.5 version. This behavior does not match real browsers, and doesn't support SSL session tracking.			
In Gatling 2, the default behavior is that every user has his own connection pool. This can be tuned with the .shareConnections param.			
<pre>val httpProtocol = http .baseUrl(" https://cleop.bgbm.org/herbarium") .shareConnections</pre>			
Related issues:			
Related to EDIT - bug #10004: fix edit-name-catalogue-jmeter-tests		New	05/13/2022 05/16/2022

History

#1 - 09/23/2016 01:35 PM - Andreas Kohlbecker

- Description updated

#2 - 02/03/2021 12:43 PM - Andreas Kohlbecker

- Description updated

#3 - 02/03/2021 12:43 PM - Andreas Kohlbecker

- Description updated

#4 - 02/03/2021 12:50 PM - Andreas Kohlbecker

- Description updated

#5 - 02/03/2021 12:51 PM - Andreas Kohlbecker

- *Description updated*

#6 - 02/03/2021 12:52 PM - Andreas Kohlbecker

- *Tracker changed from bug to task*

#7 - 03/29/2022 09:24 PM - Andreas Müller

- *Related to bug #10004: fix edit-name-catalogue-jmeter-tests added*