Hello,

Please find attached test package.

It contains Gatling/Scala code.

As I was not performing any Load test scripting since long time, I decided to learn something new and chosen to learn Gatling. (https://gatling.io)

Project file contains following directories:

* target\gatling results from example run
* target\test-classes\ compiled Gatling/Scala code to execute test
* src\test\ main testo source directory
  + scala\config contains files with configuration classes. In this place we set defaults that can be further changed with gatling run parameters.
  + scala\requests contains classes for each witch http request level functions. Here we are configuring http requests headers, parameters, parsing response doing checks.
  + scala\scenarios here we are grouping requests into scenarios and configuring scenarios
  + scala\simulations here we are keeping simulation that are grouping scenarios and configuring parameters for whole simulation (run). Simulation is top level concept and means – single gatling run.
* pom.xml project configuration file used to build project with MVN

Next step was to package it into container. (TODO)

I didn’t want to waste the time to build my own container image from scratch, especially I don’t have much experience and “environment” setup and ready, though decided to use one of publicly available at: <https://hub.docker.com/r/denvazh/gatling>

Usage is pretty simple

docker run -it --rm \

-v gatling\config:/opt/gatling/conf \

-v test-classes:/opt/gatling/user-files \

-v gatling\results:/opt/gatling/results \

-e JAVA\_OPTS="-Dusers=4 -Drampup=4 -Dmaxdur=5 " \

denvazh/gatling

where switches:

-v Mount configuration and simulation files from the host machine. Into this structure we need to copy and link Gatling test project directories;

-e JAVA\_OPTS can be used to change (defaults) of load test parameters defined in Gatling Test configuration.