# HPC-DME Data Registration Load Test

This document provides step-by-step directions to configure and run data object registration load test.

## Step 1 – Install JMeter

This step is needed once.

* Download the binaries from <https://jmeter.apache.org/download_jmeter.cgi>
* Extract the zip and update your $PATH to include JMeter’s bin directory

## Step 2 – Run the load test

* Open a Unix/Mac shell or Windows cmd window
* cd to your local <https://github.com/CBIIT/HPC_DME_APIs/tree/master/src/hpc-jmeter>
* Run the following (provide your data in the highlighted parameters)

jmeter -n -t hpc-dme-load-test.jmx -l hpc-dme-load-test.log -e -f -o hpc-dme-load-test-output -JconcurrentUsers=<number-of-concurrent-users> -JdataObjectsCount=<number-of-files-to-register-per-user> -JdataFile=<file-to-use-in-registration> -JuserId=<your-user-id> -Jpassword=<your-password>

## Step 2 – Check the results

* The test will create a folder named ‘hpc-dme-load-test-output’
* Inside this folder, you will find index.html. Open this html file in a browser to see the results