

OpenCGA Benchmark Report - Platinum Data Set - Cambridge Test Machine

This benchmark report is generated with "Cambridge Test" with OpenCGA release : "1.4.0-rc3-dev" (git commit: d3e565fbd55a3de075fe594db239b68bdd1f1d11)

Cambridge Test Server Specification:

- Two Tomcat Servers
 - 2 Cores each
 - 12 GB Total Ram
- Single Mongo 3.6 Node
 - 24 Cores
 - 32 GB Ram
- Single Solr 6.4 Node
 - 24 Cores
 - 32 GB Ram

Execution Parameters:

- Number of Concurrent Users : 10
- Number of Repetitions : 05
- Result limit : 100

Execution Command:

./opencga-storage-admin.sh benchmark variant --host <http://bioinfodev.hpc.cam.ac.uk/opencga-test> --limit 100 --num-repetition 5 --concurrency 10 -B sid=eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJjYWZldGVybyIsImF1ZCI6Ij9wZW5DR0EgdXNlcnMlLCJpYXQiOiE1MzcyODEzNzAsImV4cCI6IjY1NDk3MH0.8OfajGwcEHuAAgzY6-BIWqW9c7I-vj9ujx5TjftgPo

Benchmark Report:

Complete JMeter report in HTML format is available here to [BenchmarkReport.tar](#)

APDEX (Application Performance Index)			
Apdex	T (Toleration threshold)	F (Frustration threshold)	Label
0.577	500 ms	1 sec 500 ms	Total
0.490	1 sec 500 ms	1 sec 725 ms	MultipleIncludeFilesAndSamples
0.560	1 sec 500 ms	1 sec 725 ms	AllIncludeStudySampleAndFile
0.590	1 sec 500 ms	1 sec 725 ms	TwoFiles
0.630	1 sec 500 ms	1 sec 725 ms	ProteinSubstitution
0.640	1 sec 500 ms	1 sec 725 ms	Info_DP_HaplotypeScore
0.660	1 sec 500 ms	1 sec 725 ms	SampleAndFilterAndGenotype
0.670	1 sec 500 ms	1 sec 725 ms	FileAndFilter-PASS
0.680	1 sec 500 ms	1 sec 725 ms	FileAndSample
0.680	1 sec 500 ms	1 sec 725 ms	EmptyQuery
0.690	1 sec 500 ms	1 sec 725 ms	BiotypeAndLOFAndPFMAF
0.700	1 sec 500 ms	1 sec 725 ms	Qual>50
0.700	1 sec 500 ms	1 sec 725 ms	ThreeGenes
0.710	1 sec 500 ms	1 sec 725 ms	MultipleFiltersAndTwoFiles
0.710	1 sec 500 ms	1 sec 725 ms	SixFilters
0.710	1 sec 500 ms	1 sec 725 ms	FileAndIncludeAllStudiesOneSample
0.730	1 sec 500 ms	1 sec 725 ms	Genotype-NA12877:1/1
0.760	1 sec 500 ms	1 sec 725 ms	FileAndNegatedFilterAndGenotype
0.770	1 sec 500 ms	1 sec 725 ms	Gene-DDX11L1
0.770	1 sec 500 ms	1 sec 725 ms	QualAndFiltersAndFile
0.780	1 sec 500 ms	1 sec 725 ms	FilesFiltersAndGenotype
0.780	1 sec 500 ms	1 sec 725 ms	Genotype-NA12877:0/1
0.800	1 sec 500 ms	1 sec 725 ms	Biotype
0.810	1 sec 500 ms	1 sec 725 ms	Genotype-NA12877:HOM_REF
0.810	1 sec 500 ms	1 sec 725 ms	PopulationFrequencyMaf
0.820	1 sec 500 ms	1 sec 725 ms	TwoGenes
0.820	1 sec 500 ms	1 sec 725 ms	Qual<=5
0.830	1 sec 500 ms	1 sec 725 ms	Qual<50
0.830	1 sec 500 ms	1 sec 725 ms	MultipleGenotype
0.840	1 sec 500 ms	1 sec 725 ms	TwoFiltersAndOneFile
0.930	1 sec 500 ms	1 sec 725 ms	ThreeGenesAndFourCT
0.930	1 sec 500 ms	1 sec 725 ms	ThreeGeneAndLOF
0.980	1 sec 500 ms	1 sec 725 ms	IncludeNone



