

Parcial BackEnd Mutante

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GitHub: <https://github.com/matih1210/parcial1Mutante>

Render: <https://parcial1mutante.onrender.com>

Desde Jmeter:

Metodo GET

HTTP Request

Name:

HTTP Request

Comments:

Basic

Advanced

Web Server

Protocol [http]:

https

Server Name or IP:

localhost

Port Number:

8080

HTTP Request

GET

Path:

http://localhost:8080/api/humanos/stats

Content encoding:

☐ Redirect Automatically

☒ Follow Redirects

☒ Use KeepAlive

☐ Use multipart/form-data

☐ Browser-compatible headers

Parameters

Body Data

Files Upload

Send Parameters With the Request:

Name:

Value

URL Encode?

Content-Type

Include Equals?

Con 100:

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
HTTP Request	110	258	18	475	121.30	0.00%	49.5/min	0.26	0.11	319.0
TOTAL	110	258	18	475	121.30	0.00%	49.5/min	0.26	0.11	319.0

Con 1000:

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
HTTP Request	1000	273	3	1062	291.45	0.00%	829.2/sec	257.50	108.51	318.0
TOTAL	1000	273	3	1062	291.45	0.00%	829.2/sec	257.50	108.51	318.0

Con 10000:

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
HTTP Request	11000	780	0	4732	1083.82	58.63%	166.5/sec	272.16	9.02	1673.5
TOTAL	11000	780	0	4732	1083.82	58.63%	166.5/sec	272.16	9.02	1673.5

Metodo POST

HTTP Request

Name:

HTTP Request

Comments:

Basic

Advanced

Web Server

Protocol [http]:

https

Server Name or IP:

localhost

Port Number:

8080

HTTP Request

POST

Path:

http://localhost:8080/api/humanos/dnas/mutant

Content encoding:

☐ Redirect Automatically

☒ Follow Redirects

☒ Use KeepAlive

☐ Use multipart/form-data

☐ Browser-compatible headers

Parameters

Body Data

Files Upload

1

{

2

"data": ["STR000A00T", "STR000E00T", "STR000I00T", "STR000M00T", "STR000T00T", "STR000A00T", "STR000E00T", "STR000I00T", "STR000M00T"]

3

}

Con 100:

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
HTTP Request	101	105	8	520	121.91	0.00%	35.0/min	0.16	0.17	290.0
TOTAL	101	105	8	520	121.91	0.00%	35.0/min	0.16	0.17	290.0

Con 1000:

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
HTTP Request	1000	1087	12	2029	364.73	0.00%	444.8/sec	125.98	133.37	290.0
TOTAL	1000	1087	12	2029	364.73	0.00%	444.8/sec	125.98	133.37	290.0

Con 10000:

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
HTTP Request	10000	1891	0	10296	2659.94	67.25%	824.6/sec	1500.76	80.96	1863.7
TOTAL	10000	1891	0	10296	2659.94	67.25%	824.6/sec	1500.76	80.96	1863.7

Desde consola

Metodo GET

Con 1000:

summary = 1000 in 00:00:01 = 688.7/s Avg: 627 Min: 40 Max: 1168 Err: 0 (0.00%)

Con 10000:

summary + 1 in 00:00:01 = 1.5/s Avg: 382 Min: 382 Max: 382 Err: 0 (0.00%) Active: 1488 Started: 1488 Finished: 0
summary + 9999 in 00:00:12 = 867.6/s Avg: 378 Min: 3 Max: 8062 Err: 56 (0.56%) Active: 0 Started: 10000 Finished: 10000
summary = 10000 in 00:00:12 = 819.5/s Avg: 378 Min: 3 Max: 8062 Err: 56 (0.56%)

Con 100000:

summary + 2762 in 00:00:04 = 710.9/s Avg: 487 Min: 3 Max: 3463 Err: 0 (0.00%) Active: 4 Started: 2767 Finished: 2763
summary + 26974 in 00:00:30 = 888.5/s Avg: 509 Min: 0 Max: 4124 Err: 21340 (79.11%) Active: 1117 Started: 33418 Finished: 32301
summary = 29736 in 00:00:34 = 868.2/s Avg: 507 Min: 0 Max: 4124 Err: 21340 (71.76%)
summary + 34842 in 00:00:30 = 1175.0/s Avg: 675 Min: 2 Max: 4325 Err: 34732 (99.68%) Active: 1 Started: 64580 Finished: 64579
summary = 64578 in 00:01:04 = 1010.5/s Avg: 598 Min: 0 Max: 4325 Err: 56872 (86.83%)
summary + 32215 in 00:00:30 = 1074.5/s Avg: 396 Min: 0 Max: 1823 Err: 24077 (74.74%) Active: 1934 Started: 98747 Finished: 96813
summary = 96793 in 00:01:34 = 1031.0/s Avg: 530 Min: 0 Max: 4325 Err: 80149 (82.80%)
summary + 3207 in 00:00:01 = 2409.5/s Avg: 497 Min: 2 Max: 1313 Err: 3107 (96.88%) Active: 0 Started: 100000 Finished: 100000
summary = 100000 in 00:01:35 = 1050.2/s Avg: 529 Min: 0 Max: 4325 Err: 83256 (83.26%)

Con 1000000:

summary + 10865 in 00:00:14 = 751.3/s Avg: 270 Min: 0 Max: 2226 Err: 564 (5.19%) Active: 2749 Started: 13680 Finished: 10931
summary + 30395 in 00:00:29 = 1051.2/s Avg: 542 Min: 0 Max: 3342 Err: 24101 (79.29%) Active: 1642 Started: 42899 Finished: 41257
summary = 41260 in 00:00:44 = 933.8/s Avg: 470 Min: 0 Max: 3342 Err: 24665 (59.78%)
summary + 32907 in 00:00:30 = 1097.6/s Avg: 641 Min: 1 Max: 3222 Err: 32885 (99.93%) Active: 2575 Started: 76742 Finished: 74167
summary = 74167 in 00:01:14 = 1000.0/s Avg: 546 Min: 0 Max: 3342 Err: 57550 (77.60%)
summary + 33405 in 00:00:30 = 1113.5/s Avg: 845 Min: 2 Max: 3449 Err: 33405 (100.00%) Active: 1515 Started: 109086 Finished: 107571
summary = 107572 in 00:01:44 = 1032.7/s Avg: 639 Min: 0 Max: 3449 Err: 90955 (84.55%)
summary + 30764 in 00:00:30 = 1022.9/s Avg: 552 Min: 0 Max: 2810 Err: 20977 (68.19%) Active: 1238 Started: 139599 Finished: 138361
summary = 138336 in 00:02:14 = 1030.5/s Avg: 620 Min: 0 Max: 3449 Err: 111932 (80.91%)
summary + 32291 in 00:00:30 = 1078.7/s Avg: 492 Min: 0 Max: 2055 Err: 25570 (79.19%) Active: 345 Started: 170971 Finished: 170626
summary = 170627 in 00:02:44 = 1039.3/s Avg: 595 Min: 0 Max: 3449 Err: 137502 (80.59%)
summary + 32351 in 00:00:30 = 1078.7/s Avg: 708 Min: 1 Max: 2471 Err: 32287 (99.80%) Active: 343 Started: 203320 Finished: 202977
summary = 202978 in 00:03:14 = 1045.4/s Avg: 613 Min: 0 Max: 3449 Err: 169789 (83.65%)
summary + 33174 in 00:00:30 = 1103.3/s Avg: 682 Min: 1 Max: 2385 Err: 33173 (100.00%) Active: 2120 Started: 238273 Finished: 236153
summary = 236152 in 00:03:44 = 1053.1/s Avg: 623 Min: 0 Max: 3449 Err: 202962 (85.95%)
summary + 27219 in 00:00:30 = 909.5/s Avg: 898 Min: 0 Max: 5811 Err: 19527 (71.74%) Active: 5 Started: 263375 Finished: 263370
summary = 263371 in 00:04:14 = 1036.2/s Avg: 651 Min: 0 Max: 5811 Err: 222489 (84.48%)
summary + 26183 in 00:00:30 = 872.7/s Avg: 601 Min: 0 Max: 3804 Err: 17557 (67.05%) Active: 1513 Started: 291069 Finished: 289556
summary = 289554 in 00:04:44 = 1019.0/s Avg: 647 Min: 0 Max: 5811 Err: 240046 (82.90%)
summary + 26639 in 00:00:30 = 887.6/s Avg: 750 Min: 2 Max: 3559 Err: 26510 (99.52%) Active: 80 Started: 316272 Finished: 316192
summary = 316193 in 00:05:14 = 1006.4/s Avg: 656 Min: 0 Max: 5811 Err: 266556 (84.30%)
summary + 26714 in 00:00:30 = 890.9/s Avg: 872 Min: 2 Max: 3412 Err: 26672 (99.84%) Active: 410 Started: 343339 Finished: 342929
summary = 342907 in 00:05:44 = 996.3/s Avg: 672 Min: 0 Max: 5811 Err: 293228 (85.51%)
summary + 27518 in 00:00:30 = 917.4/s Avg: 474 Min: 1 Max: 2933 Err: 22600 (82.45%) Active: 4977 Started: 375401 Finished: 370424
summary = 370425 in 00:06:14 = 990.0/s Avg: 658 Min: 0 Max: 5811 Err: 315916 (85.28%)
summary + 22239 in 00:00:30 = 738.8/s Avg: 1037 Min: 1 Max: 5020 Err: 10584 (47.59%) Active: 1158 Started: 393833 Finished: 392675
summary = 392664 in 00:06:44 = 971.3/s Avg: 679 Min: 0 Max: 5811 Err: 326500 (83.15%)
summary + 27666 in 00:00:30 = 925.1/s Avg: 844 Min: 2 Max: 2894 Err: 27181 (98.25%) Active: 2500 Started: 422909 Finished: 420329
summary = 420330 in 00:07:14 = 968.1/s Avg: 690 Min: 0 Max: 5811 Err: 353681 (84.14%)
summary + 31042 in 00:00:30 = 1033.8/s Avg: 942 Min: 2 Max: 4322 Err: 30978 (99.79%) Active: 685 Started: 452058 Finished: 451373
summary = 451372 in 00:07:44 = 972.4/s Avg: 707 Min: 0 Max: 5811 Err: 384659 (85.22%)
summary + 24637 in 00:00:30 = 810.3/s Avg: 575 Min: 1 Max: 2711 Err: 20064 (81.44%) Active: 13 Started: 476021 Finished: 476008
summary = 476009 in 00:08:15 = 962.4/s Avg: 701 Min: 0 Max: 5811 Err: 404723 (85.02%)
summary + 21443 in 00:00:30 = 723.4/s Avg: 749 Min: 0 Max: 4041 Err: 10150 (47.33%) Active: 494 Started: 497948 Finished: 497454
summary = 497452 in 00:08:44 = 948.9/s Avg: 703 Min: 0 Max: 5811 Err: 414873 (83.40%)
summary + 26449 in 00:00:30 = 883.1/s Avg: 893 Min: 0 Max: 3423 Err: 25475 (96.32%) Active: 1 Started: 523901 Finished: 523900
summary = 523901 in 00:09:14 = 945.3/s Avg: 712 Min: 0 Max: 5811 Err: 440348 (84.05%)
summary + 25288 in 00:00:30 = 843.8/s Avg: 1070 Min: 3 Max: 3952 Err: 25189 (99.61%) Active: 40 Started: 549228 Finished: 549188
summary = 549189 in 00:09:44 = 940.1/s Avg: 729 Min: 0 Max: 5811 Err: 465537 (84.77%)
summary + 24904 in 00:00:30 = 830.2/s Avg: 662 Min: 1 Max: 4124 Err: 20642 (82.89%) Active: 2441 Started: 576520 Finished: 574079

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summary = 574093 in 00:10:14 = 934.8/s Avg: 726 Min: 0 Max: 5811 Err: 486179 (84.69%)
summary + 207799 in 00:00:30 = 693.2/s Avg: 819 Min: 1 Max: 6999 Err: 9560 (45.96%) Active: 487 Started: 595378 Finished: 594891
summary = 594892 in 00:10:44 = 923.5/s Avg: 729 Min: 0 Max: 6999 Err: 495739 (83.33%)
summary + 242774 in 00:00:30 = 807.5/s Avg: 836 Min: 0 Max: 3817 Err: 23315 (96.05%) Active: 2174 Started: 621338 Finished: 619164
summary = 619166 in 00:11:14 = 918.3/s Avg: 733 Min: 0 Max: 6999 Err: 519054 (83.03%)
summary + 29239 in 00:00:30 = 970.8/s Avg: 922 Min: 2 Max: 3240 Err: 20100 (99.52%) Active: 1097 Started: 649596 Finished: 648499
summary = 648496 in 00:11:44 = 920.9/s Avg: 742 Min: 0 Max: 6999 Err: 548244 (84.54%)
summary + 26565 in 00:00:30 = 885.4/s Avg: 725 Min: 1 Max: 5784 Err: 22207 (83.93%) Active: 880 Started: 675966 Finished: 675086
summary = 675061 in 00:12:14 = 919.5/s Avg: 741 Min: 0 Max: 6999 Err: 570541 (84.52%)
summary + 23524 in 00:00:30 = 784.2/s Avg: 307 Min: 0 Max: 2902 Err: 12445 (52.90%) Active: 363 Started: 698947 Finished: 698504
summary = 698585 in 00:12:44 = 914.2/s Avg: 727 Min: 0 Max: 6999 Err: 582986 (83.45%)
summary + 15608 in 00:00:30 = 518.5/s Avg: 840 Min: 3 Max: 2930 Err: 14640 (93.80%) Active: 4153 Started: 718331 Finished: 714178
summary = 714193 in 00:13:14 = 899.2/s Avg: 729 Min: 0 Max: 6999 Err: 597626 (83.68%)
summary + 14124 in 00:02:30 = 94.2/s Avg: 621 Min: 0 Max: 4276 Err: 5141 (36.40%) Active: 593 Started: 728975 Finished: 728382
summary = 728317 in 00:15:44 = 771.3/s Avg: 727 Min: 0 Max: 6999 Err: 602767 (82.76%)
summary + 22303 in 00:00:30 = 745.1/s Avg: 809 Min: 2 Max: 6042 Err: 14894 (66.78%) Active: 2668 Started: 753287 Finished: 750619
summary = 750620 in 00:16:14 = 770.5/s Avg: 729 Min: 0 Max: 6999 Err: 617661 (82.29%)
summary + 34343 in 00:00:30 = 1144.8/s Avg: 831 Min: 2 Max: 3520 Err: 34334 (99.97%) Active: 599 Started: 785561 Finished: 784962
summary = 784963 in 00:16:44 = 781.7/s Avg: 734 Min: 0 Max: 6999 Err: 651995 (83.06%)
summary + 35878 in 00:00:30 = 1196.9/s Avg: 770 Min: 1 Max: 4586 Err: 35876 (99.99%) Active: 768 Started: 821608 Finished: 820840
summary = 820841 in 00:17:14 = 793.7/s Avg: 735 Min: 0 Max: 6999 Err: 687871 (83.80%)
summary + 30975 in 00:00:30 = 1032.6/s Avg: 814 Min: 2 Max: 3977 Err: 24199 (78.12%) Active: 2578 Started: 853389 Finished: 850811
summary = 851816 in 00:17:44 = 800.5/s Avg: 738 Min: 0 Max: 6999 Err: 712070 (83.59%)
summary + 28439 in 00:00:30 = 946.4/s Avg: 561 Min: 0 Max: 4935 Err: 18817 (66.17%) Active: 1058 Started: 881332 Finished: 880274
summary = 880255 in 00:18:14 = 804.5/s Avg: 733 Min: 0 Max: 6999 Err: 730887 (83.03%)
summary + 30287 in 00:00:30 = 1004.3/s Avg: 730 Min: 2 Max: 3452 Err: 30275 (99.96%) Active: 4461 Started: 915002 Finished: 910541
summary = 910542 in 00:18:44 = 809.8/s Avg: 732 Min: 0 Max: 6999 Err: 761162 (83.59%)
summary + 35371 in 00:00:30 = 1186.6/s Avg: 898 Min: 1 Max: 3245 Err: 35369 (99.99%) Active: 520 Started: 946432 Finished: 945912
summary = 945913 in 00:19:14 = 819.6/s Avg: 739 Min: 0 Max: 6999 Err: 796531 (84.21%)
summary + 23749 in 00:00:31 = 758.5/s Avg: 371 Min: 1 Max: 2832 Err: 17893 (75.34%) Active: 2839 Started: 972529 Finished: 969690
summary = 969662 in 00:19:45 = 817.9/s Avg: 730 Min: 0 Max: 6999 Err: 814424 (83.99%)
summary + 27257 in 00:00:29 = 949.9/s Avg: 686 Min: 1 Max: 2763 Err: 16783 (61.57%) Active: 421 Started: 997339 Finished: 996918
summary = 996919 in 00:20:14 = 821.1/s Avg: 728 Min: 0 Max: 6999 Err: 831207 (83.38%)
summary + 3081 in 00:00:03 = 1088.7/s Avg: 660 Min: 4 Max: 1510 Err: 3074 (99.77%) Active: 0 Started: 1000000 Finished: 1000000
summary = 1000000 in 00:20:17 = 821.7/s Avg: 728 Min: 0 Max: 6999 Err: 834281 (83.43%)

```

ARQUITECTURA DEL SISTEMA





