

1 Initialer Lasttest

1.1 Initiale Umgebung

Ruby: 1.8.7

Server: WEBrick 1.3.1

SQL: SQLite 3

Pfad „/“ ohne Login

1 Request, 1 Concurrency

Time for test	9.341 s
Req/s	0.11
Time per Request	9241.161 ms
Transfer rate	0.92 KB/s

10 Requests, 5 Concurrencyes

Time for test	77.599 s
Req/s	0.13
Time per Request	38799.513 ms
Transfer rate	1.11 KB/s

100 Requests, 1 Concurrencyes

Time for test	772.182 s
Req/s	0.13
Time per Request	7721.819 ms
Transfer rate	1.11 KB/s

100 Requests, 10 Concurrencyes

Time for test	772.047 s
Req/s	0.13
Time per Request	77204.720 ms
Transfer rate	1.11 KB/s

Pfad „/users/50“ ohne Login

1 Request, 1 Concurrency

Time for test	7.125 s
Req/s	0.14
Time per Request	7125.020 ms
Transfer rate	1.29 KB/s

10 Requests, 5 Concurrencyes

Time for test	70.905 s
Req/s	0.14
Time per Request	35452.485 ms
Transfer rate	1.3 KB/s

100 Requests, 1 Concurrencyes

Time for test	709.411 s
Req/s	0.14
Time per Request	7094.107 ms
Transfer rate	1.30 KB/s

100 Requests, 10 Concurrencyes

Time for test	717.783 s
Req/s	0.14
Time per Request	71778.344 ms
Transfer rate	1.26 KB/s

Pfad „/recipes/2086“ ohne Login

1 Request, 1 Concurrency

Time for test	1.034 s
Req/s	0.97
Time per Request	1034.221 ms
Transfer rate	4.49 KB/s

10 Requests, 5 Concurrencyes

Time for test	10.464 s
Req/s	0.96
Time per Request	5182.178 ms
Transfer rate	4.48 KB/s

100 Requests, 1 Concurrencyes

Time for test	101.841 s
Req/s	0.98
Time per Request	1018.405
Transfer rate	4.56 KB/s

100 Requests, 10 Concurrencyes

Time for test	104.083 s
Req/s	0.96
Time per Request	10408.289
Transfer rate	4.46 KB/s

Pfad „/“ mit Login

1 Request, 1 Concurrency

Time for test	7.408 s
Req/s	0.13
Time per Request	7407.538
Transfer rate	1.13 KB/s

10 Requests, 5 Concurrencyes

Time for test	74.853 s
Req/s	0.13
Time per Request	37427.109
Transfer rate	1.12 KB/s

100 Requests, 1 Concurrency

Time for test	796.072 s
Req/s	0.13
Time per Request	7960.725 ms
Transfer rate	1.05 KB/s

100 Requests, 10 Concurrencyes

Time for test	779.556 s
Req/s	0.13
Time per Request	77955.595 ms
Transfer rate	1.07 KB/s

Pfad „/users/50“ mit Login

1 Request, 1 Concurrency

Time for test	7.215 s
Req/s	0.14
Time per Request	7214.635
Transfer rate	1.24 KB/s

10 Requests, 5 Concurrencyes

Time for test	72.871 s
Req/s	0.14
Time per Request	36435.744 ms
Transfer rate	1.23 KB/s

100 Requests, 1 Concurrency

Time for test	718.678 s
Req/s	0.14
Time per Request	7186 ms
Transfer rate	1.25 KB/s

100 Requests, 10 Concurrencyes

Time for test	745.941 s
Req/s	0.13
Time per Request	74594.134
Transfer rate	1.20 KB/s

Pfad „/recipes/2086“ mit Login

1 Request, 1 Concurrency

Time for test	1.002 s
Req/s	1
Time per Request	1002.341 ms
Transfer rate	4.39 KB/s

10 Requests, 5 Concurrencyes

Time for test	10.285 s
Req/s	0.97
Time per Request	5142.578 ms
Transfer rate	4.28 KB/s

100 Requests, 1 Concurrency

Time for test	102.232 s
Req/s	0.98
Time per Request	1022.324 ms
Transfer rate	4.31 KB/s

100 Requests, 10 Concurrencyes

Time for test	109.342 s
Req/s	0.91
Time per Request	10934.194
Transfer rate	4.03 KB/s

Die Lasttests zeigen, dass sowohl die Startseite als auch die Userseiten sehr lange brauchen um zu antworten. Durchschnittlich benötigen die beiden Seiten in etwa 7000 ms um einen Request zu bearbeiten (egal ob mit oder ohne Login). Die Rezeptseite benötigt in etwa 1000 ms.

1.2 Ziel

Ein Request antwortet um 30 % schneller. Maximal darf ein Request auf der Startseite und der Userseite nicht länger als 2000 ms und auf der Rezeptseite nicht länger als 300 ms bei 100 Requests und 1 Concurrency zum Antworten brauchen.