Stress test of RasaBot

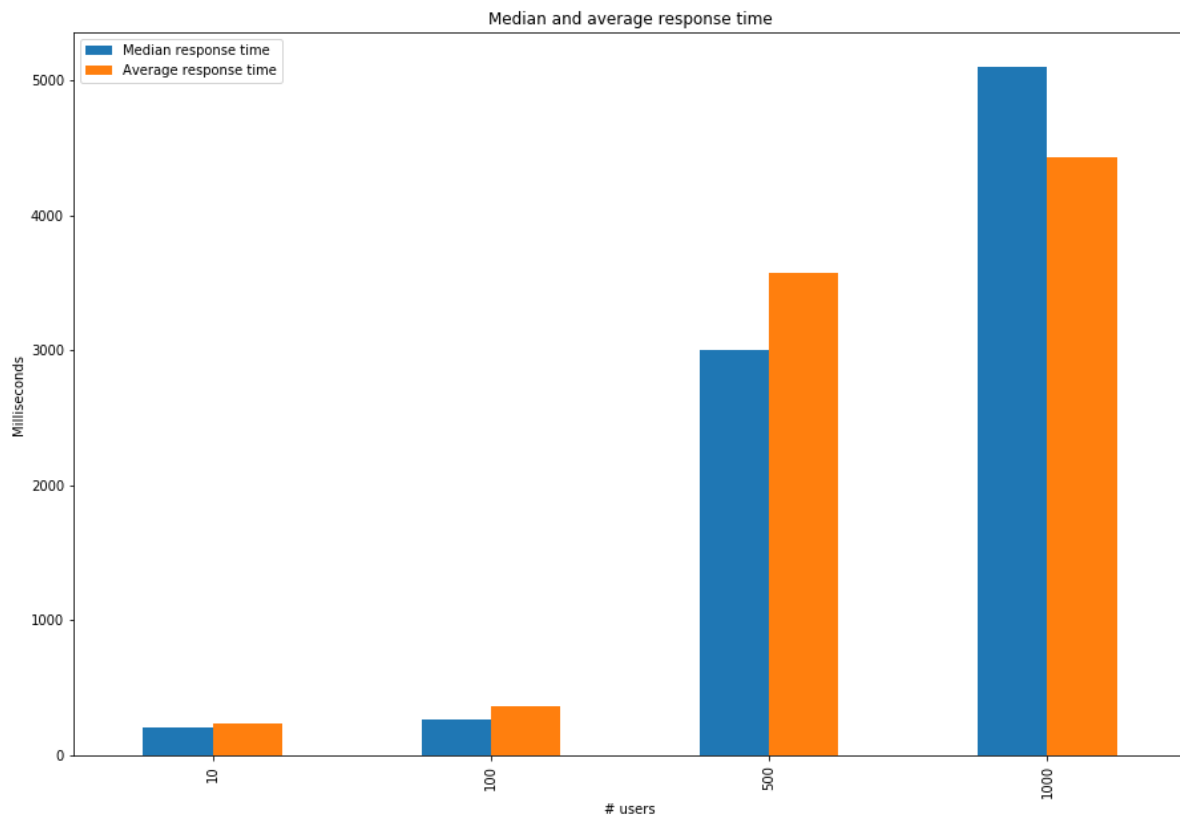## Details of test

Framework: `Locust.io`

Test parameters:

- Number of users (clients)
  - *10*, *100*, *500*, *1000*
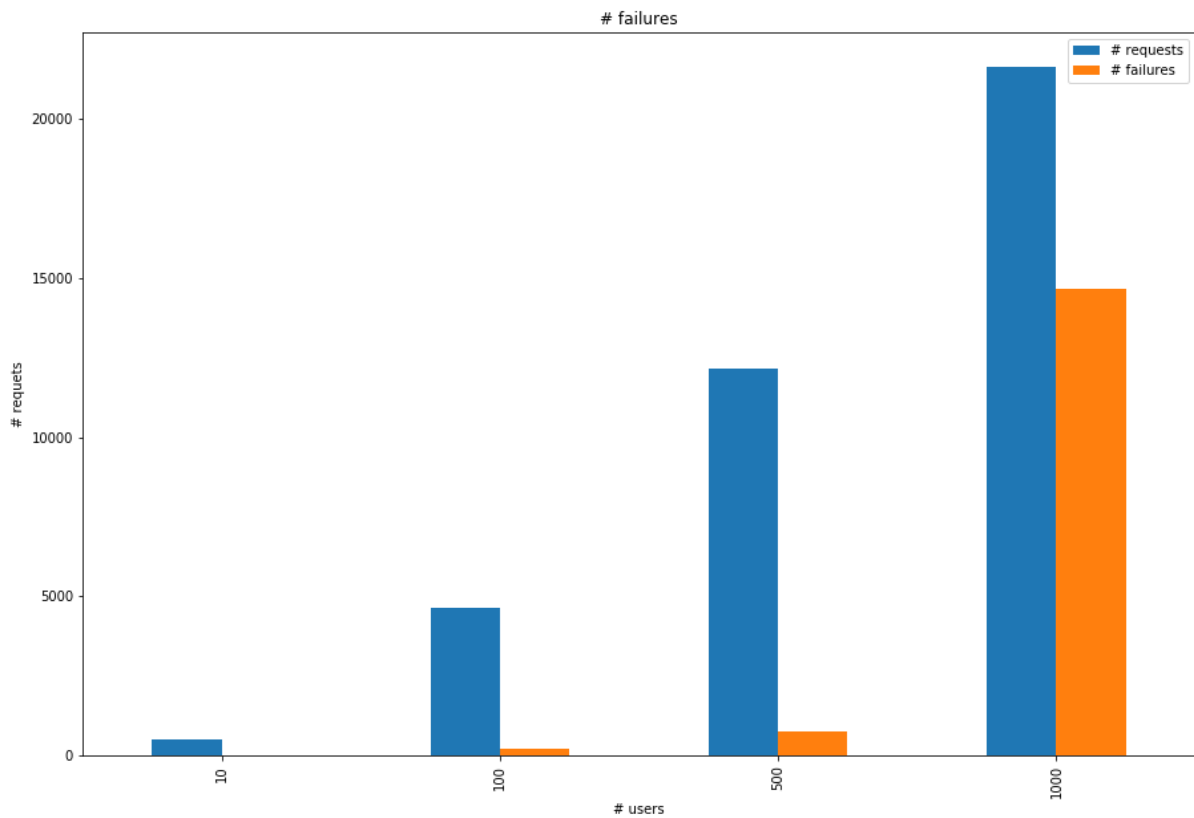- Time between requests - *uniform random variable between 2 and 5 seconds*

Total number of tests - 4 (with different user number parameter)

Graphics

Median and average response time

Number of failed requests

Data

10 users

Method	Name	# requests	# failures	Median response time	Average response time	Min response time	Max response time	Average Content Size	Requests/s
0	GET	/api/messages	241	7	210	242	17	1268	2516
1	POST	/api/messages	247	9	210	240	12	1420	43
2	None	Total	488	16	210	241	12	1420	1264

100 users

Method	Name	# requests	# failures	Median response time	Average response time	Min response time	Max response time	Average Content Size	Requests/s
0	GET	/api/messages	2296	103	290	392	10	2421	2373
1	POST	/api/messages	2341	99	250	333	15	5275	43
2	None	Total	4637	202	270	362	10	5275	1196

500 users

	Method	Name	# requests	# failures	Median response time	Average response time	Min response time	Max response time	Average Content Size	Requests/s
0	GET	/api/messages	5926	401	4500	4741	4	14217	1206	
1	POST	/api/messages	6244	370	1100	2473	7	11589	42	
2	None	Total	12170	771	3000	3577	4	14217	609	

1000 users

	Method	Name	# requests	# failures	Median response time	Average response time	Min response time	Max response time	Average Content Size	Requests/s
0	GET	/api/messages	10481	7402	5100	4445	4	21734	129	
1	POST	/api/messages	11148	7277	5100	4421	3	22005	15	
2	None	Total	21629	14679	5100	4432	3	22005	70	