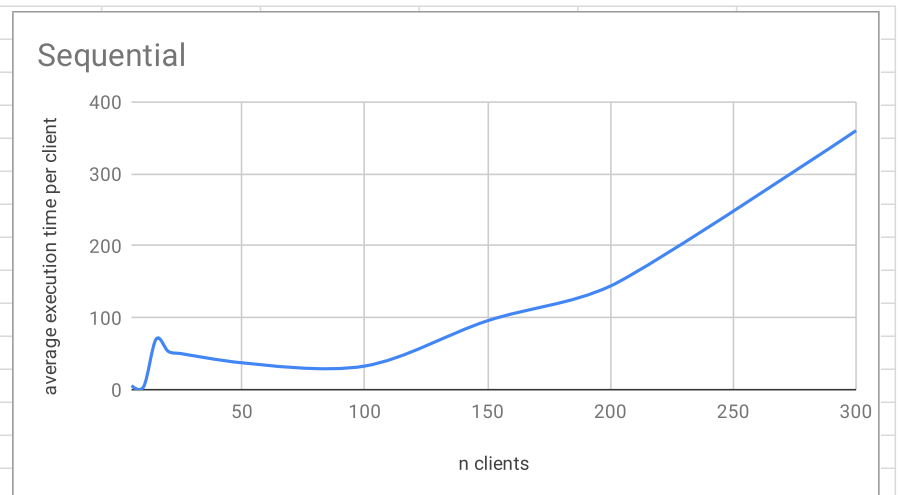
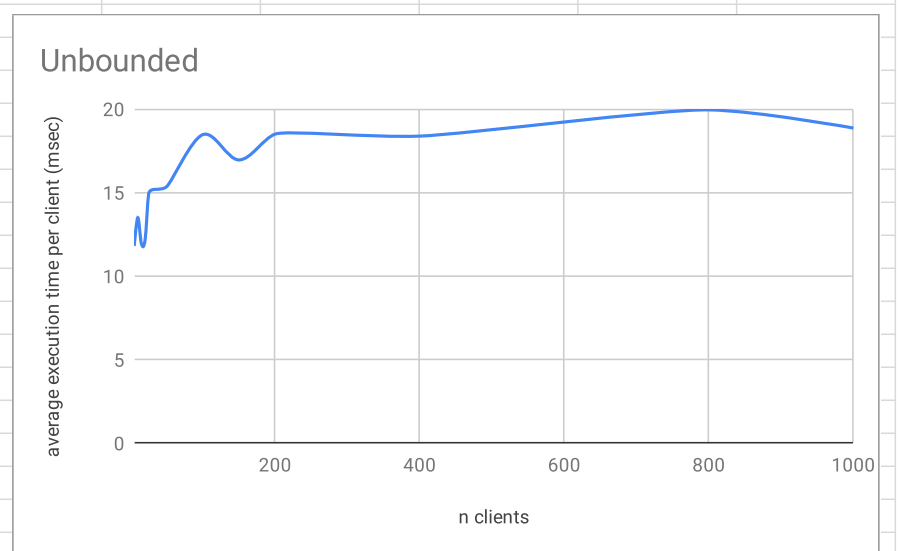


|                   |                                    |   |                     |
|-------------------|------------------------------------|---|---------------------|
| <b>Sequential</b> | 100 messages per client            | limit_listen = 10                               |                     |
| <b>n clients</b>  | <b>total execution time (msec)</b> | <b>average execution time per client (msec)</b> | <b>clients/time</b> |
| 5                 | 29                                 | 5,8   | 0,1724137931        |
| 10                | 46                                 | 4,6   | 0,2173913043        |
| 15                | 1054                               | 70,2  | 0,01424501425       |
| 20                | 1063                               | 53,15   | 0,01881467545       |
| 25                | 1256                               | 50,24   | 0,0199044586        |
| 50                | 1868                               | 37,36   | 0,02676659529       |
| 100               | 3288                               | 32,88   | 0,0304136253        |
| 150               | 14375                              | 95,84   | 0,01043405676       |
| 200               | 28800                              | 144   | 0,006944444444      |
| 300               | 108290                             | 360   | 0,002777777778      |



|                  |                                    |   |                     |
|------------------|------------------------------------|---|---------------------|
| <b>Unbounded</b> | 100 messages per client            | limit_listen = 10                               |                     |
| <b>n clients</b> | <b>total execution time (msec)</b> | <b>average execution time per client (msec)</b> | <b>clients/time</b> |
| 5                | 59                                 | 11,8  | 0,085               |
| 10               | 135                                | 13,5  | 0,074               |
| 15               | 179                                | 11,93   | 0,083               |
| 20               | 243                                | 12,15   | 0,082               |
| 25               | 373                                | 14,92   | 0,067               |
| 50               | 768                                | 15,36   | 0,065               |
| 100              | 1847                               | 18,47   | 0,054               |
| 150              | 2543                               | 16,953  | 0,059               |
| 200              | 3701                               | 18,5  | 0,054               |
| 400              | 7353                               | 18,38   | 0,054               |
| 800              | 15967                              | 19,95   | 0,05                |
| 1000             | 18869                              | 18,86   | 0,053               |



|                  |                                    |   |                     |
|------------------|------------------------------------|---|---------------------|
| <b>Bounded</b>   | 100 messages per client            | limit_listen = 10 / max_fills = 25              |                     |
| <b>n clients</b> | <b>total execution time (msec)</b> | <b>average execution time per client (msec)</b> | <b>clients/time</b> |
| 5                | 84                                 | 16,8  | 0,05952380952       |
| 10               | 109                                | 10,9  | 0,09174311927       |
| 15               | 189                                | 12,6  | 0,07936507937       |
| 20               | 293                                | 14,65   | 0,06825938567       |
| 25               | 383                                | 15,32   | 0,06527415144       |
| 50               | 884                                | 17,68   | 0,05656108597       |
| 100              | 1794                               | 17,94   | 0,05574136009       |
| 150              | 2665                               | 17,76666667                                     | 0,05628517824       |
| 200              | 3302                               | 16,51   | 0,06056935191       |
| 400              | 9758                               | 24,395  | 0,04099200656       |
| 800              | 15636                              | 19,545  | 0,05116398056       |
| 1000             | 18274                              | 18,274  | 0,05472255664       |
|                  |                                    |   |                     |
|                  |                                    |   |                     |
|                  |                                    |   |                     |

