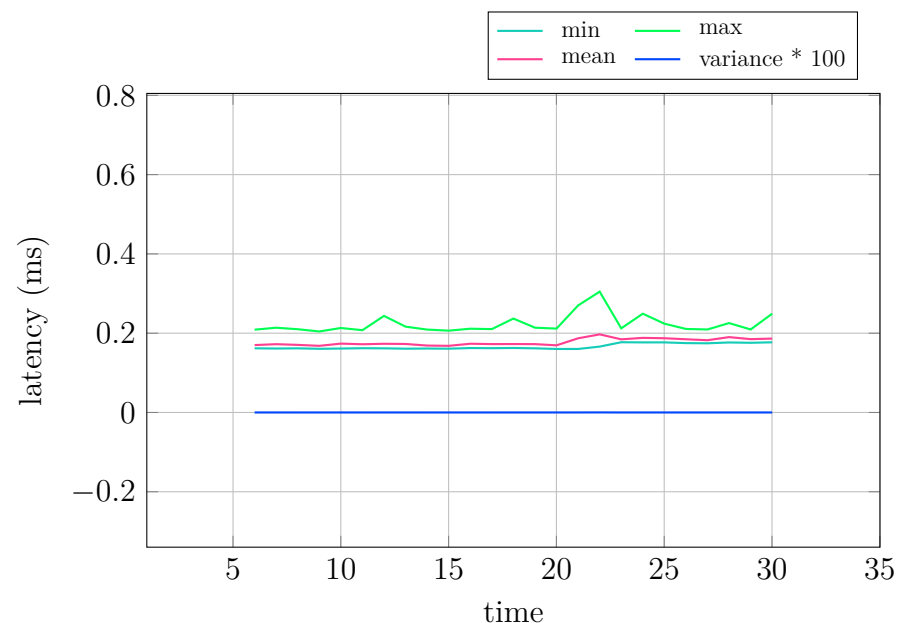
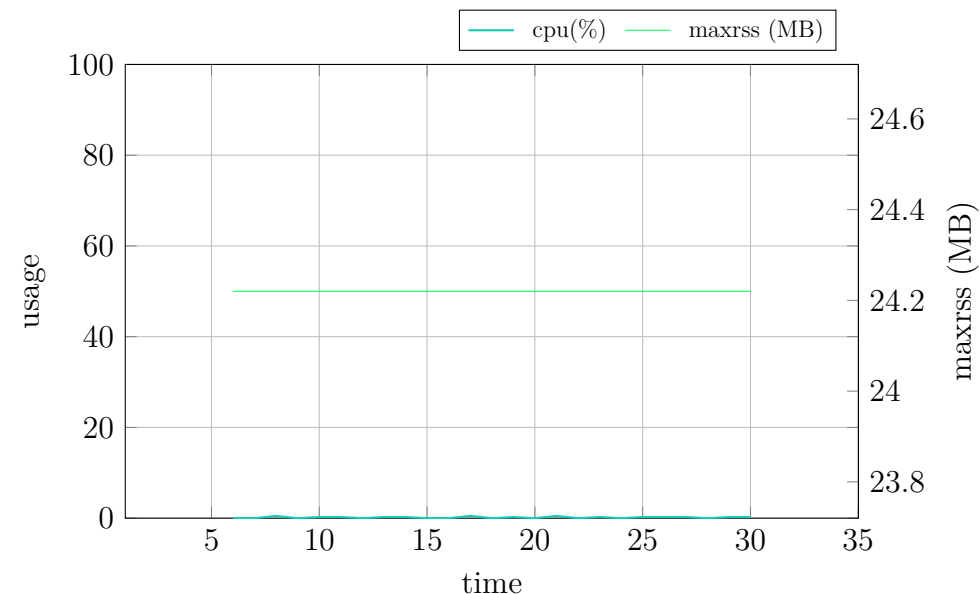


# Performance fastrtps

|                    |  |
|--------------------|--|
| Logfile name       | 8539b153-624f-4a64-b876-7219bdc67f68.csv |
| Experiment id      | 67594e88-3d02-4bdf-a71d-588ebc72882d     |
| Communication mean | RCLCPP_SINGLE_THREADED_EXECUTOR          |



Latencies



Resource usage ([man getrusage](#))

## test setup

|                          |          |
|--------------------------|----------|
| Performance Test Version | 2113db4  |
| Publishing rate          | 20       |
| Topic name               | Array16k |
| Number of publishers     | 1        |
| Number of subscribers    | 1        |
| Maximum runtime (sec)    | 30       |
| DDS domain id            | 0        |
| Single participant       | -        |

## average results

|                            |          |
|----------------------------|----------|
| Experiment Status          | success  |
| T_loop                     | 1.0001   |
| received                   | 19.0     |
| sent                       | 19.0     |
| lost                       | 0.0      |
| relative_loss              | 0.0      |
| data_received              | 327883.6 |
| latency_min (ms)           | 0.1664   |
| latency_max (ms)           | 0.2233   |
| latency_mean (ms)          | 0.1777   |
| latency_variance (ms)      | 0.0      |
| pub_loop_res_min (ms)      | 49.8376  |
| pub_loop_res_max (ms)      | 49.8664  |
| pub_loop_res_mean (ms)     | 49.8484  |
| pub_loop_res_variance (ms) | 0.0      |
| sub_loop_res_min (ms)      | 0.0      |
| sub_loop_res_max (ms)      | 0.0      |
| sub_loop_res_mean (ms)     | 0.0      |
| sub_loop_res_variance (ms) | 0.0      |
| cpu_usage (%)              | 0.1699   |
| max_ram_usage (MB)         | 24.22    |

## environment

|                               |                  |
|-------------------------------|------------------|
| Ignore seconds from beginning | 5                |
| Memory check enabled          | 0                |
| Msg name                      | Array16k         |
| QOS Durability                | VOLATILE         |
| QOS History depth             | 100              |
| QOS History kind              | KEEP_LAST        |
| QOS Reliability               | RELIABLE         |
| QOS Sync. pub/sub             | 0                |
| RMW Implementation            | rmw_fastrtps_cpp |
| Roundtrip Mode                | NONE             |
| With security                 | 0                |
| Zero copy transfer            | 0                |