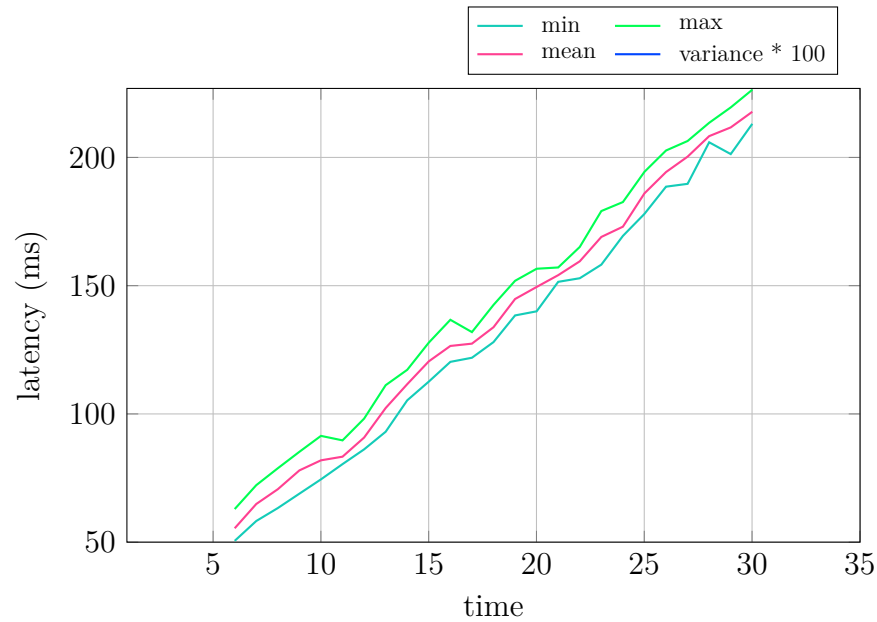
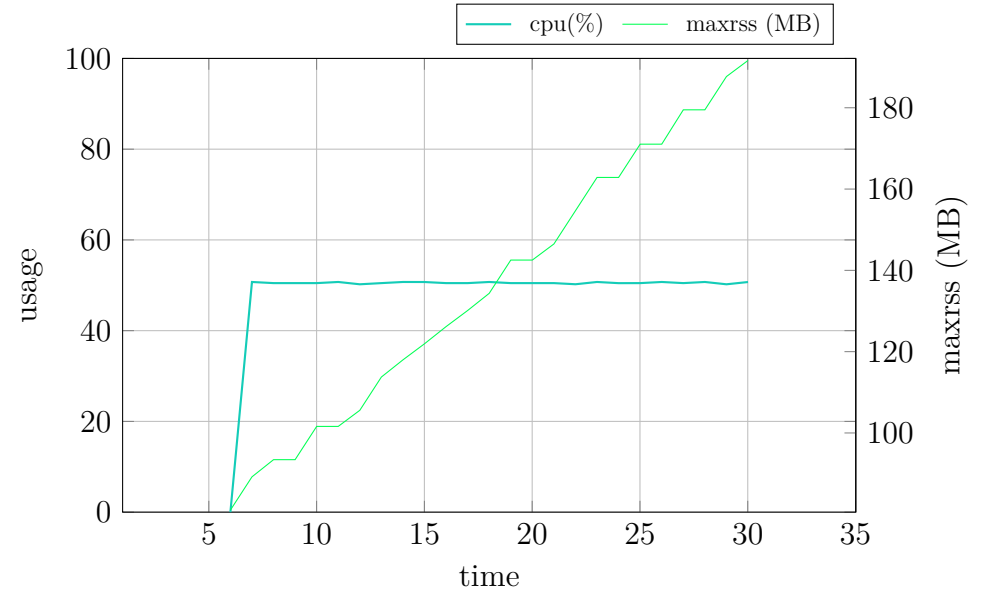


Performance fastrtps

| | |
|--------------------|--|
| Logfile name | 53887a77-a1b4-462a-b1f8-854ff4312c88.csv |
| Experiment id | 548205fa-e7f6-43f9-9b03-cb0e53ffe585 |
| Communication mean | RCLCPP_SINGLE_THREADED_EXECUTOR |



Latencies



Resource usage ([man getrusage](#))

test setup

| | |
|--------------------------|--------------|
| Performance Test Version | 2113db4 |
| Publishing rate | 500 |
| Topic name | PointCloud4m |
| 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 | 161.32 |
| sent | 162.48 |
| lost | 0.0 |
| relative_loss | 0.0 |
| data_received | 680917984.08 |
| latency_min (ms) | 130.0088 |
| latency_max (ms) | 144.0428 |
| latency_mean (ms) | 136.614 |
| latency_variance (ms) | 0.0151 |
| pub_loop_res_min (ms) | -12228.8 |
| pub_loop_res_max (ms) | -11558.6 |
| pub_loop_res_mean (ms) | -11894.48 |
| pub_loop_res_variance (ms) | 37.8044 |
| 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 (%) | 48.5188 |
| max_ram_usage (MB) | 191.64 |

environment

| | |
|-------------------------------|------------------|
| Ignore seconds from beginning | 5 |
| Memory check enabled | 0 |
| Msg name | PointCloud4m |
| 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 |