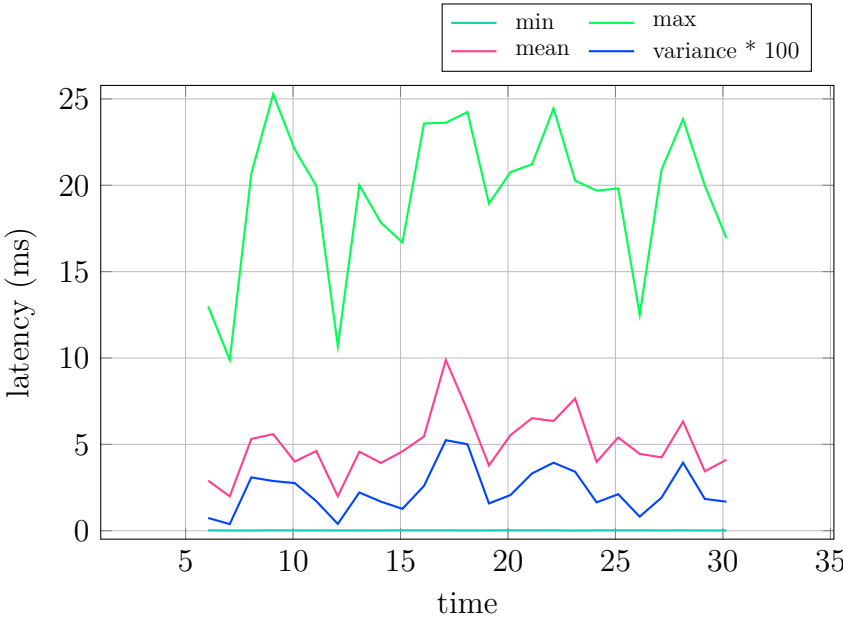
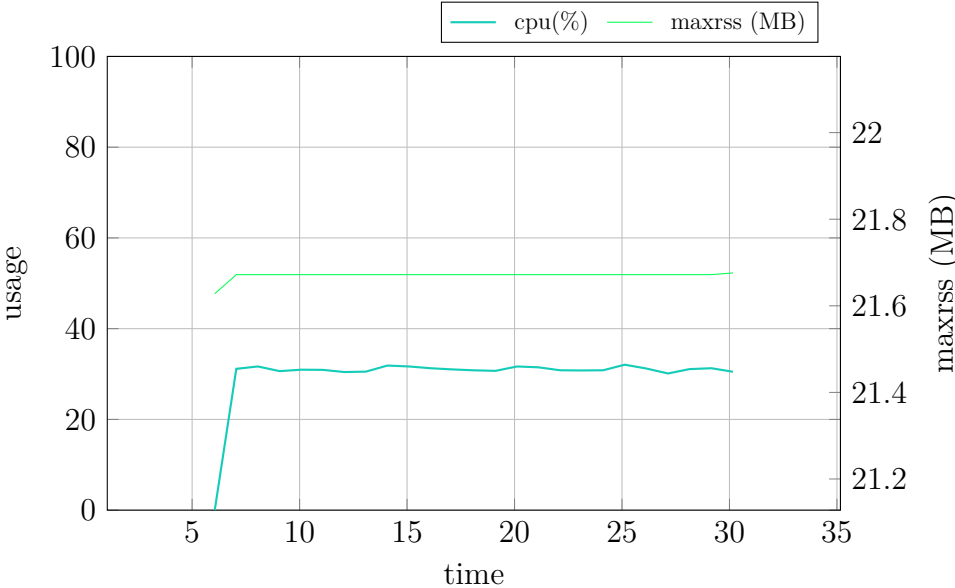


Performance fastrtps

| | |
|--------------------|--|
| Logfile name | a14b6370-72bd-4ddd-853e-7d69fbedcf1d.csv |
| Experiment id | 5b5278aa-492b-45d9-bdf0-988686037a0d |
| Communication mean | RCLCPP_SINGLE_THREADED_EXECUTOR |



Latencies



Resource usage ([man getrusage](#))

test setup

| | |
|--------------------------|----------|
| Performance Test Version | 0 |
| Publishing rate | Struct16 |
| Topic name | 0 |
| Number of publishers | 3 |
| Number of subscribers | 30 |
| Maximum runtime (sec) | 0 |
| DDS domain id | - |
| Single participant | |

average results

| | |
|----------------------------|-------------|
| Experiment Status | success |
| T_loop | 1.0045 |
| received | 604936.88 |
| sent | 0.0 |
| lost | 327536.88 |
| relative_loss | inf |
| data_received | 19358027.64 |
| latency_min (ms) | 0.0197 |
| latency_max (ms) | 19.4731 |
| latency_mean (ms) | 4.9443 |
| latency_variance (ms) | 0.0233 |
| pub_loop_res_min (ms) | inf |
| pub_loop_res_max (ms) | -inf |
| pub_loop_res_mean (ms) | 0.0 |
| 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 (%) | 29.822 |
| max_ram_usage (MB) | 21.68 |

environment

| | |
|-------------------------------|------------------|
| Ignore seconds from beginning | 5 |
| Memory check enabled | 0 |
| Msg name | Struct16 |
| 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 |