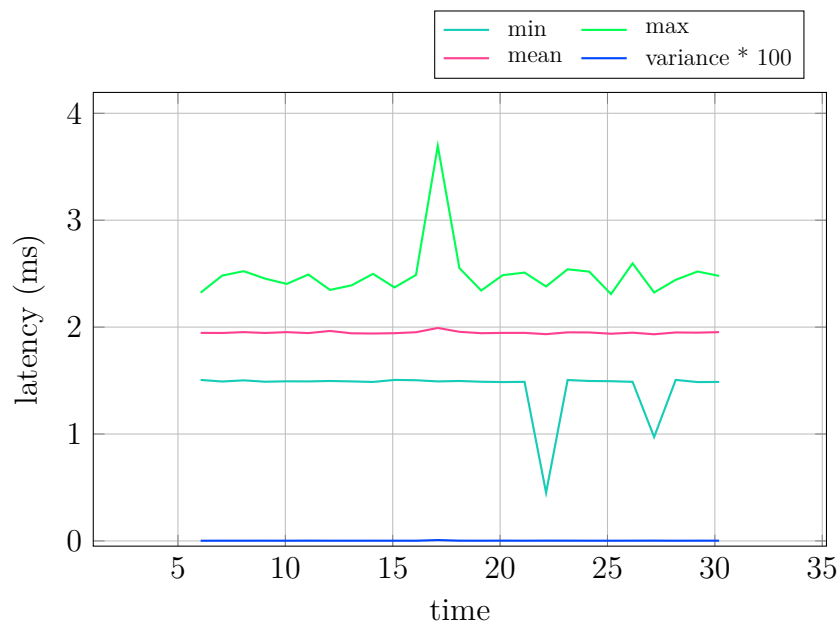
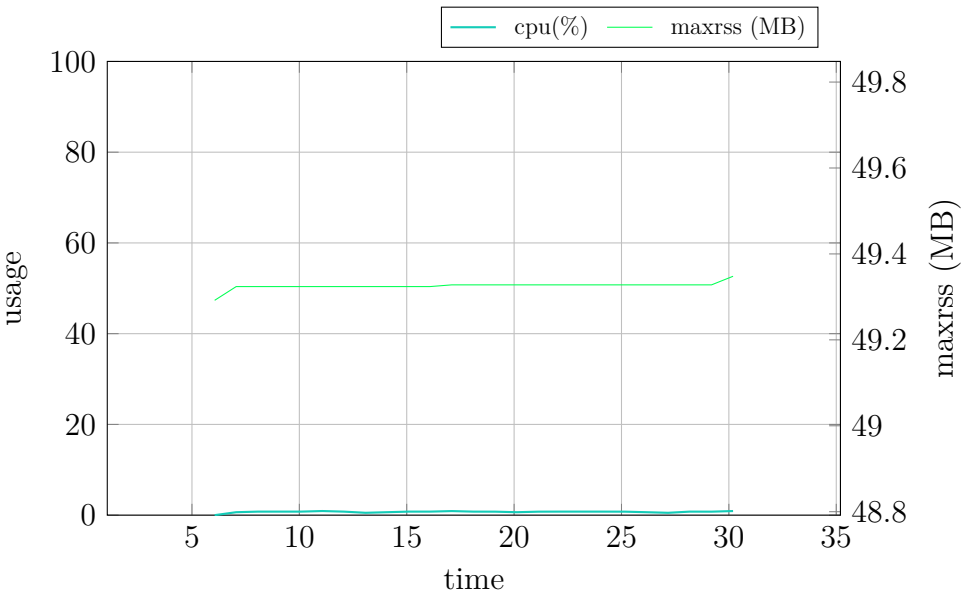


Performance fastrtps

| | |
|--------------------|--|
| Logfile name | f254986e-10aa-4dab-a7b9-4658476ac79b.csv |
| Experiment id | bb81b9e3-f82e-4e57-85ad-60c946b36b46 |
| Communication mean | RCLCPP_SINGLE_THREADED_EXECUTOR |



Latencies



Resource usage ([man getusage](#))

test setup

| | |
|--------------------------|-----------|
| Performance Test Version | |
| Publishing rate | 500 |
| Topic name | Struct32k |
| Number of publishers | 1 |
| Number of subscribers | 3 |
| Maximum runtime (sec) | 30 |
| DDS domain id | 0 |
| Single participant | - |

average results

| | |
|----------------------------|--------------|
| Experiment Status | success |
| T_loop | 1.0056 |
| received | 1498.44 |
| sent | 499.44 |
| lost | 0.0 |
| relative_loss | 0.0 |
| data_received | 101598120.76 |
| latency_min (ms) | 1.4317 |
| latency_max (ms) | 2.4986 |
| latency_mean (ms) | 1.9486 |
| latency_variance (ms) | 0.0 |
| pub_loop_res_min (ms) | -13.2972 |
| pub_loop_res_max (ms) | 1.7475 |
| pub_loop_res_mean (ms) | -5.2331 |
| pub_loop_res_variance (ms) | 0.0162 |
| 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 (%) | 0.7196 |
| max_ram_usage (MB) | 49.35 |

environment

| | |
|-------------------------------|------------------|
| Ignore seconds from beginning | 5 |
| Memory check enabled | 0 |
| Msg name | Struct32k |
| 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 |