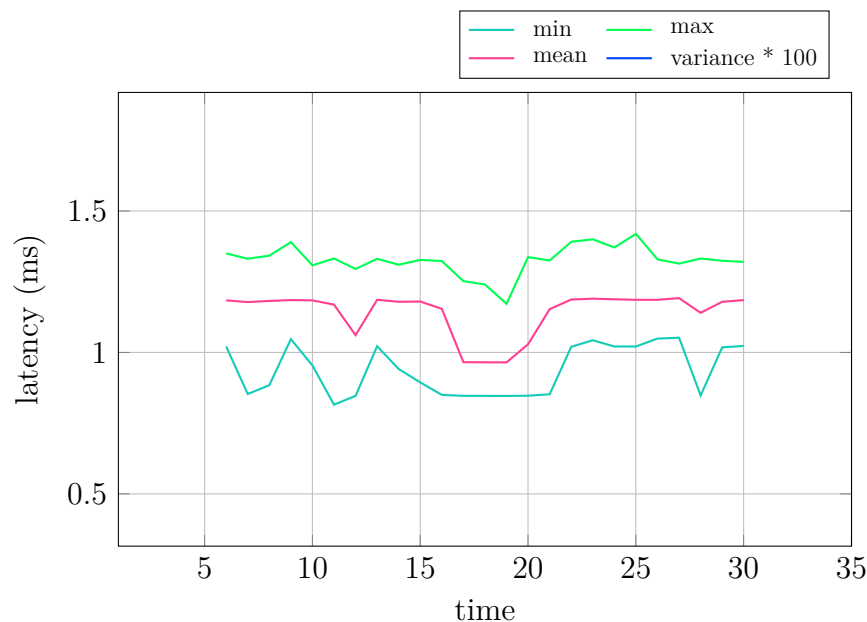
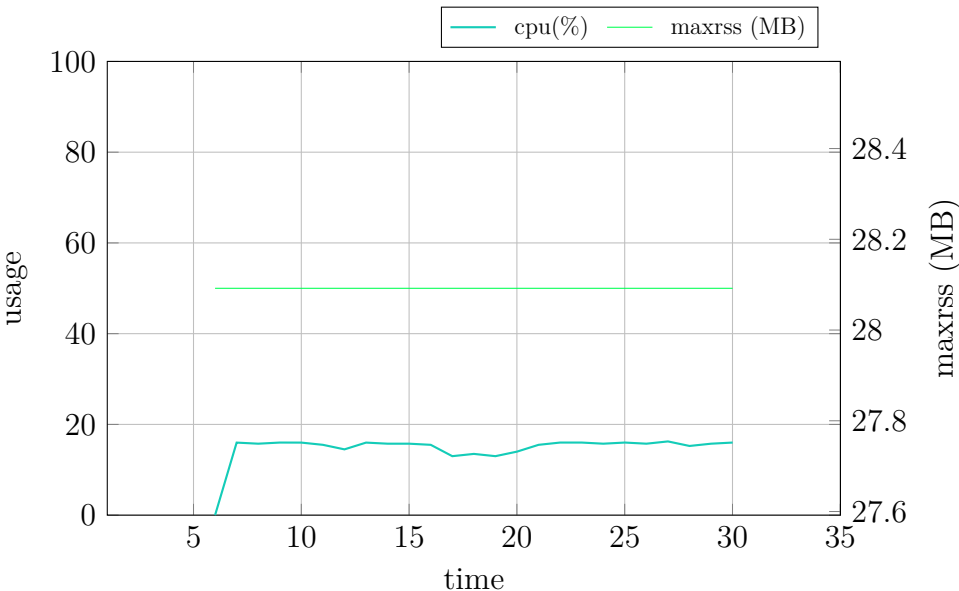


Performance fastrtps

| | |
|--------------------|--|
| Logfile name | 51462d7e-f743-4cac-a179-44e194808e44.csv |
| Experiment id | 2f8a5a6f-20b9-4708-8eef-ac31b1ec7004 |
| Communication mean | RCLCPP_SINGLE_THREADED_EXECUTOR |



Latencies



Resource usage ([man getrusage](#))

test setup

| | |
|--------------------------|-----------|
| Performance Test Version | 2113db4 |
| Publishing rate | 500 |
| Topic name | Struct32k |
| 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 | 499.16 |
| sent | 499.12 |
| lost | 0.0 |
| relative_loss | 0.0 |
| data_received | 33865408.08 |
| latency_min (ms) | 0.9385 |
| latency_max (ms) | 1.3266 |
| latency_mean (ms) | 1.1421 |
| latency_variance (ms) | 0.0 |
| pub_loop_res_min (ms) | 1.0949 |
| pub_loop_res_max (ms) | 1.4194 |
| pub_loop_res_mean (ms) | 1.2446 |
| 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 (%) | 14.7388 |
| max_ram_usage (MB) | 28.09 |

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 |