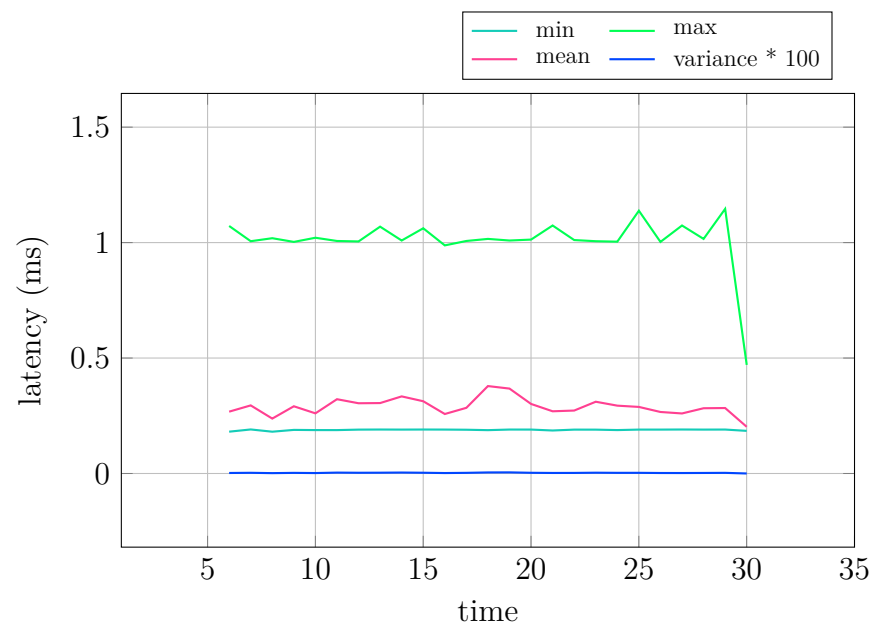
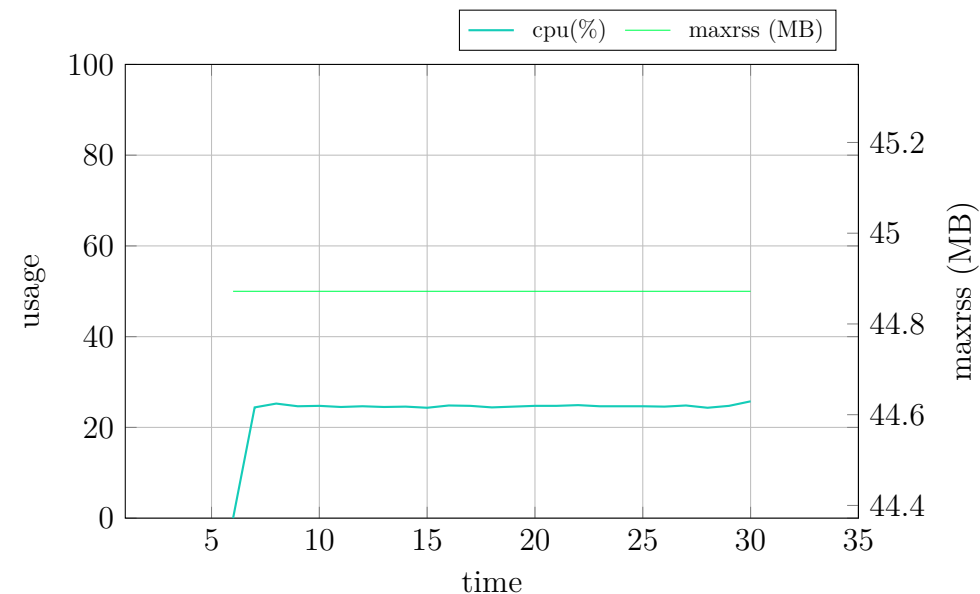


Performance fastrtps

| | |
|--------------------|--|
| Logfile name | 4ce9a45f-7f22-4245-96af-8bf8d37c09ad.csv |
| Experiment id | b5af1b7c-8090-4498-b192-e421702f38a6 |
| Communication mean | RCLCPP_SINGLE_THREADED_EXECUTOR |



Latencies



Resource usage ([man getrusage](#))

test setup

| | |
|--------------------------|-----------|
| Performance Test Version | 2113db4 |
| Publishing rate | 0 |
| 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 | 1.0001 |
| received | 25125.48 |
| sent | 8375.2 |
| lost | 0.0 |
| relative_loss | 0.0 |
| data_received | 1701770006.28 |
| latency_min (ms) | 0.1886 |
| latency_max (ms) | 1.0099 |
| latency_mean (ms) | 0.29 |
| latency_variance (ms) | 0.0 |
| pub_loop_res_min (ms) | -18020.32 |
| pub_loop_res_max (ms) | 9223000000000.0 |
| pub_loop_res_mean (ms) | 4611840000000.0 |
| pub_loop_res_variance (ms) | 2.127e+22 |
| 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 (%) | 23.7133 |
| max_ram_usage (MB) | 44.87 |

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 |