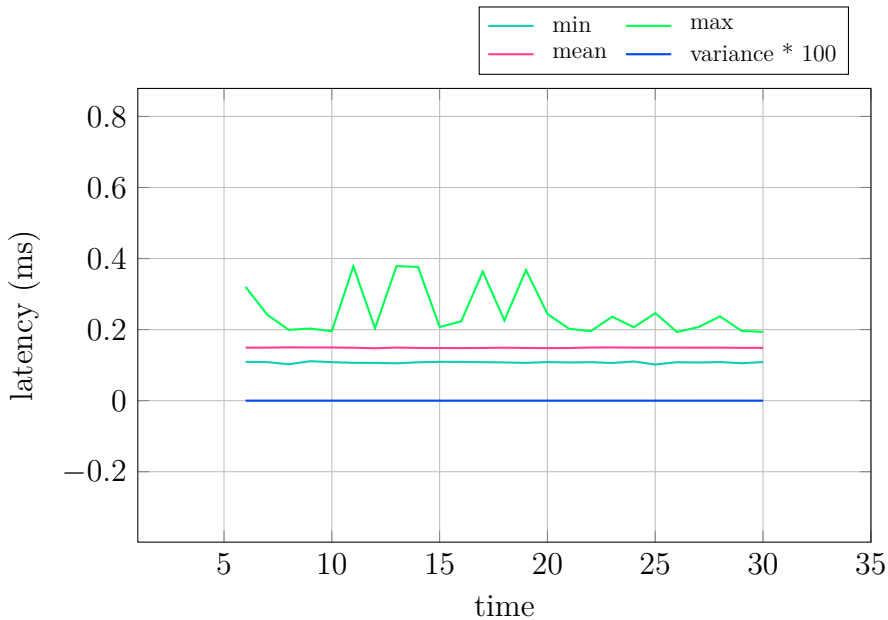
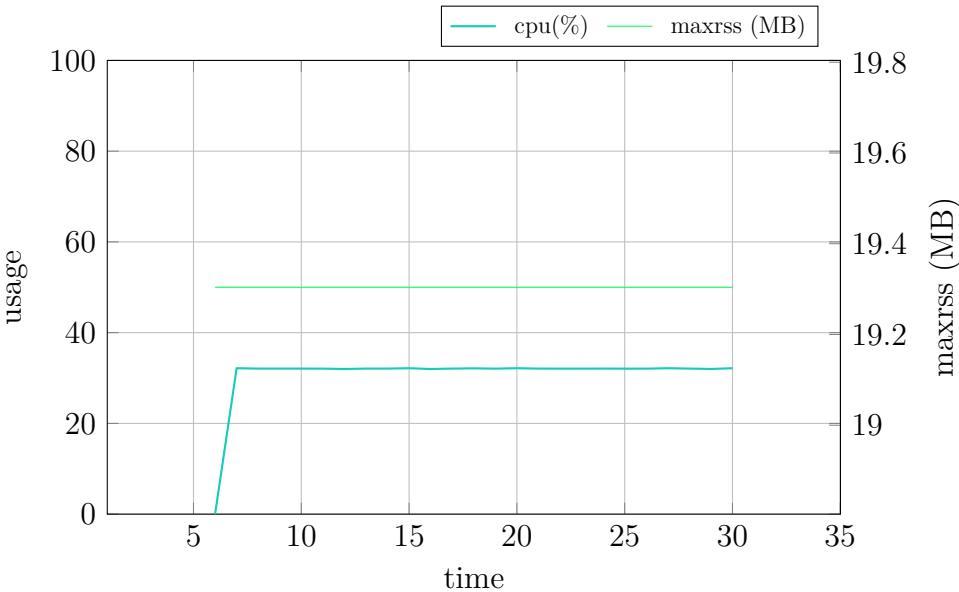


Performance cyclonedds

| | |
|--------------------|--|
| Logfile name | 3204cd5b-b742-4c52-97bd-f80821f93b93.csv |
| Experiment id | f4257cbe-cac7-4183-a3cf-82bfd3da5b7 |
| Communication mean | RCLCPP_SINGLE_THREADED_EXECUTOR |



Latencies



Resource usage ([man getrusage](#))

test setup

| | |
|--------------------------|----------|
| Performance Test Version | 2113db4 |
| Publishing rate | 0 |
| Topic name | Struct16 |
| 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 | 752028.6 |
| sent | 675719.12 |
| lost | 1275127.4 |
| relative_loss | 1.886 |
| data_received | 24064960.08 |
| latency_min (ms) | 0.1075 |
| latency_max (ms) | 0.2497 |
| latency_mean (ms) | 0.1489 |
| latency_variance (ms) | 0.0 |
| pub_loop_res_min (ms) | -18006.64 |
| pub_loop_res_max (ms) | 9223000000000.0 |
| pub_loop_res_mean (ms) | 4612000000000.0 |
| 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 (%) | 30.8015 |
| max_ram_usage (MB) | 19.3 |

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_cyclonedds_cpp |
| Roundtrip Mode | NONE |
| With security | 0 |
| Zero copy transfer | 0 |