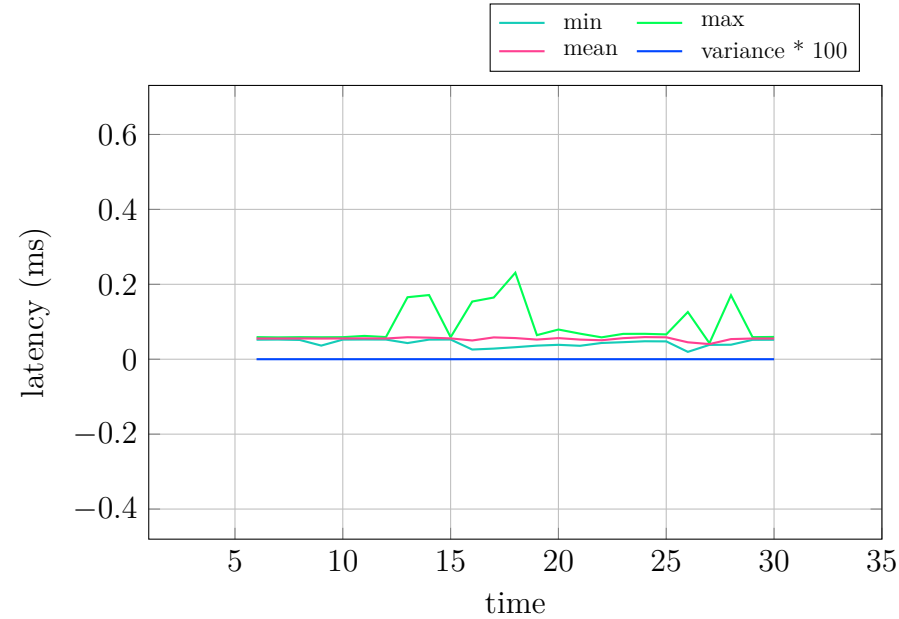
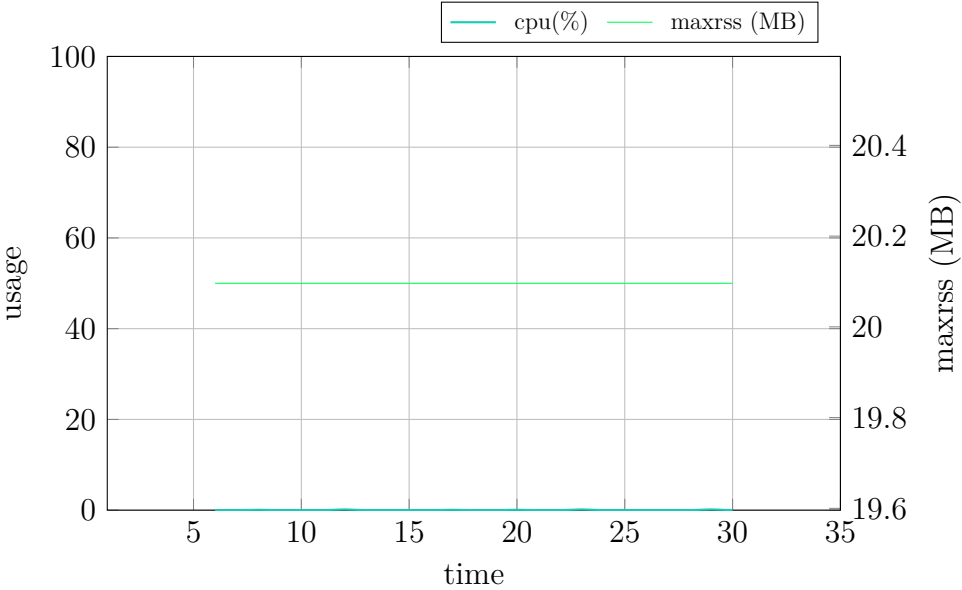


Performance cyclonedds

| | |
|--------------------|--|
| Logfile name | 08dc6d29-3e67-40a0-9217-0ac1ec96b2a0.csv |
| Experiment id | 2a5f4c7a-9ca1-4f1a-814f-66a5b6788a1a |
| Communication mean | RCLCPP_SINGLE_THREADED_EXECUTOR |



Latencies



Resource usage ([man getusage](#))

test setup

| | |
|--------------------------|----------|
| Performance Test Version | 2113db4 |
| Publishing rate | 20 |
| Topic name | Array16k |
| 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 | 57.0 |
| sent | 19.0 |
| lost | 0.0 |
| relative_loss | 0.0 |
| data_received | 983886.72 |
| latency_min (ms) | 0.0432 |
| latency_max (ms) | 0.0916 |
| latency_mean (ms) | 0.0544 |
| latency_variance (ms) | 0.0 |
| pub_loop_res_min (ms) | 49.8828 |
| pub_loop_res_max (ms) | 49.912 |
| pub_loop_res_mean (ms) | 49.9028 |
| 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 (%) | 0.0295 |
| max_ram_usage (MB) | 20.1 |

environment

| | |
|-------------------------------|--------------------|
| Ignore seconds from beginning | 5 |
| Memory check enabled | 0 |
| Msg name | Array16k |
| 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 |