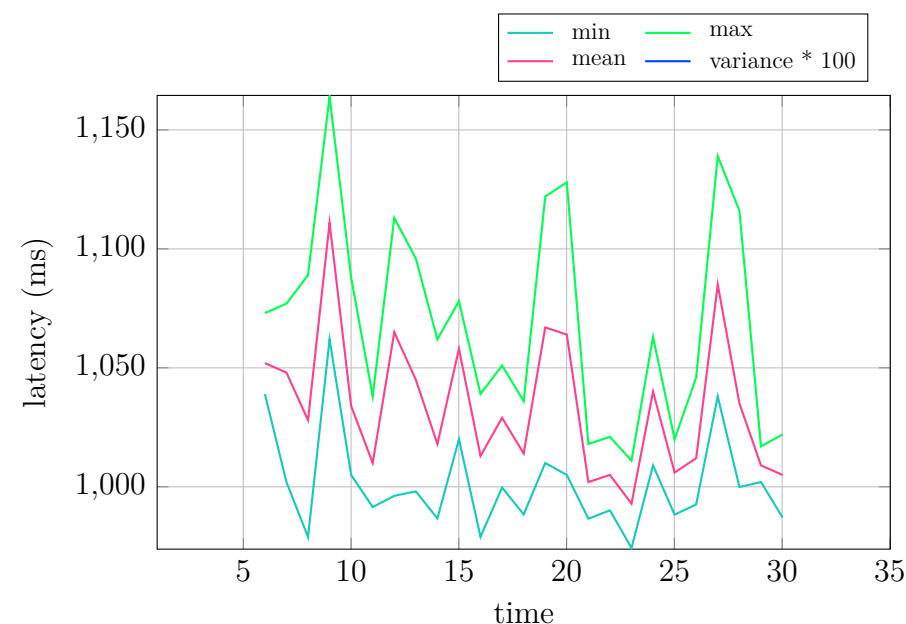
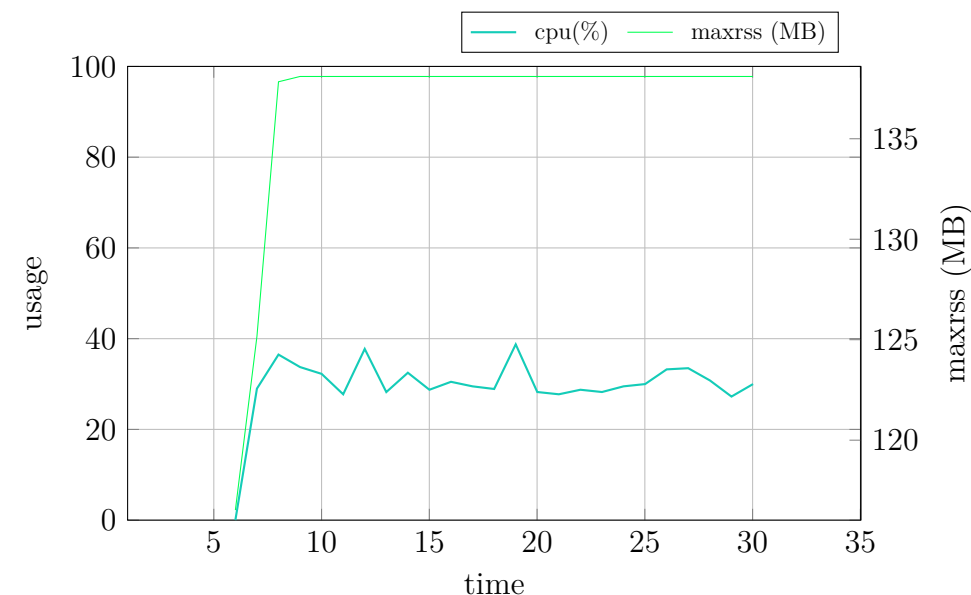


Performance cyclonedds

| | |
|--------------------|--|
| Logfile name | e369656f-9c49-4bd3-a96d-e888c6d849cd.csv |
| Experiment id | 28aa149d-8505-4359-84f9-f179f8723b92 |
| Communication mean | RCLCPP_SINGLE_THREADED_EXECUTOR |



Latencies



Resource usage ([man getrusage](#))

test setup

| | |
|--------------------------|---------|
| Performance Test Version | 2113db4 |
| Publishing rate | 100 |
| Topic name | Array2m |
| Number of publishers | 0 |
| Number of subscribers | 10 |
| Maximum runtime (sec) | 30 |
| DDS domain id | 0 |
| Single participant | - |

average results

| | |
|----------------------------|--------------|
| Experiment Status | success |
| T_loop | 1.0001 |
| received | 54.8 |
| sent | 0.0 |
| lost | 906.4 |
| relative_loss | inf |
| data_received | 135800165.32 |
| latency_min (ms) | 1001.176 |
| latency_max (ms) | 1069.08 |
| latency_mean (ms) | 1033.916 |
| latency_variance (ms) | 0.5149 |
| pub_loop_res_min (ms) | inf |
| pub_loop_res_max (ms) | -inf |
| pub_loop_res_mean (ms) | 0.0 |
| 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 (%) | 29.6484 |
| max_ram_usage (MB) | 138.1 |

environment

| | |
|-------------------------------|--------------------|
| Ignore seconds from beginning | 5 |
| Memory check enabled | 0 |
| Msg name | Array2m |
| 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 |