# Performance cyclonedds
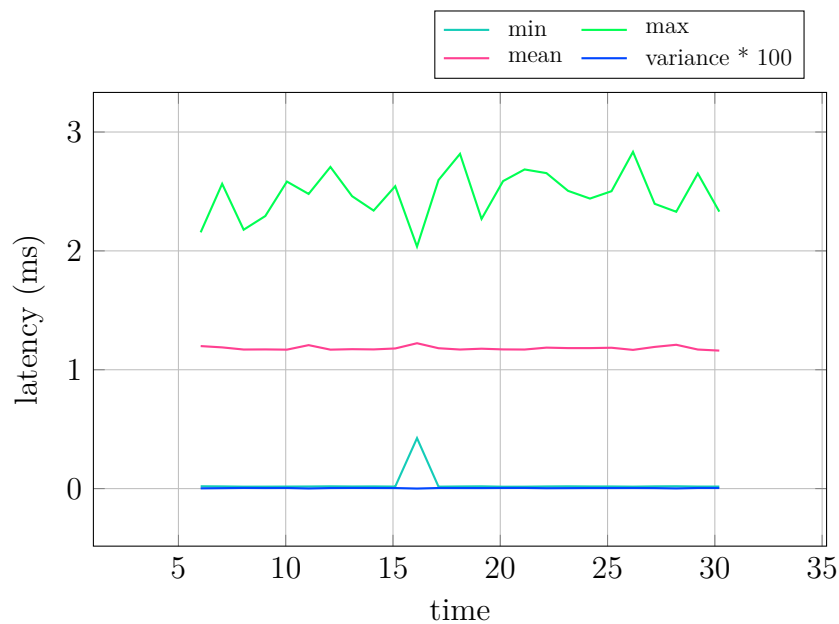
Latencies
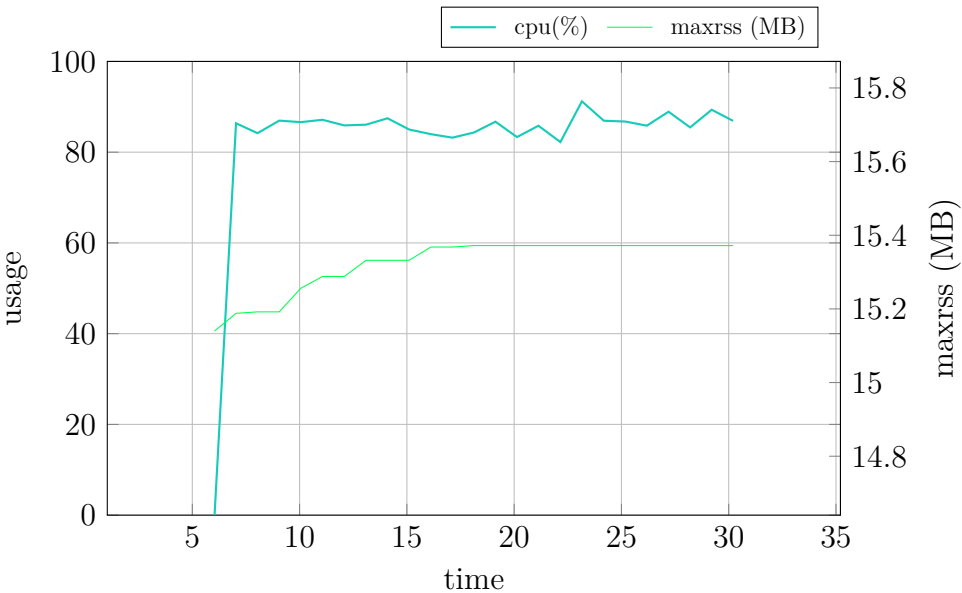


Resource usage ([man getrusage](man getrusage))

| test setup | | | average results | | | environment | |
|---|---|---|---|---|---|---|---|
| Performance Test Version | | | Experiment Status | success | | Ignore seconds from beginning | 5 |
| Publishing rate | 0 | | T_loop | 1.0074 | | Memory check enabled | 0 |
| Topic name | Struct16 | | received | 614966.92 | | Msg name | Struct16 |
| Number of publishers | 0 | | sent | 0.0 | | QOS Durability | VOLATILE |
| Number of subscribers | 10 | | lost | 177607.16 | | QOS History depth | 100 |
| Maximum runtime (sec) | 30 | | relative_loss | inf | | QOS History kind | KEEP_LAST |
| DDS domain id | 0 | | data_received | 19679094.28 | | QOS Reliability | RELIABLE |
| Single participant | - | | latency_min (ms) | 0.0341 | | QOS Sync. pub/sub | 0 |
| | | | latency_max (ms) | 2.4772 | | RMW Implementation | rmw_cyclonedds_cpp |
| | | | latency_mean (ms) | 1.1809 | | Roundtrip Mode | NONE |
| | | | latency_variance (ms) | 0.0 | | With security | 0 |
| | | | pub_loop_res_min (ms) | inf | | Zero copy transfer | 0 |
| | | | 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 (%) | 82.666 | | | |
| | | | max_ram_usage (MB) | 15.37 | | | |