# Performance cyclonedds
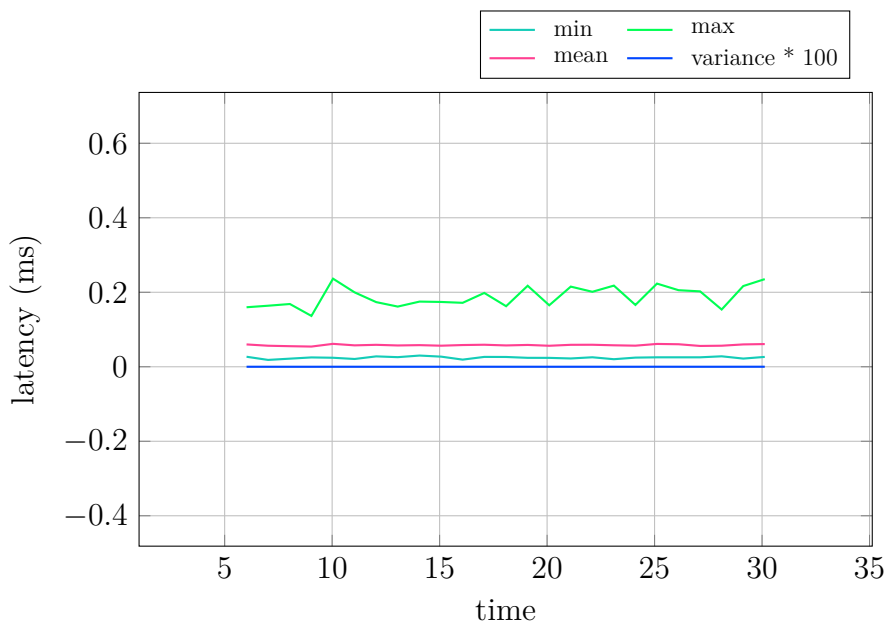
Latencies
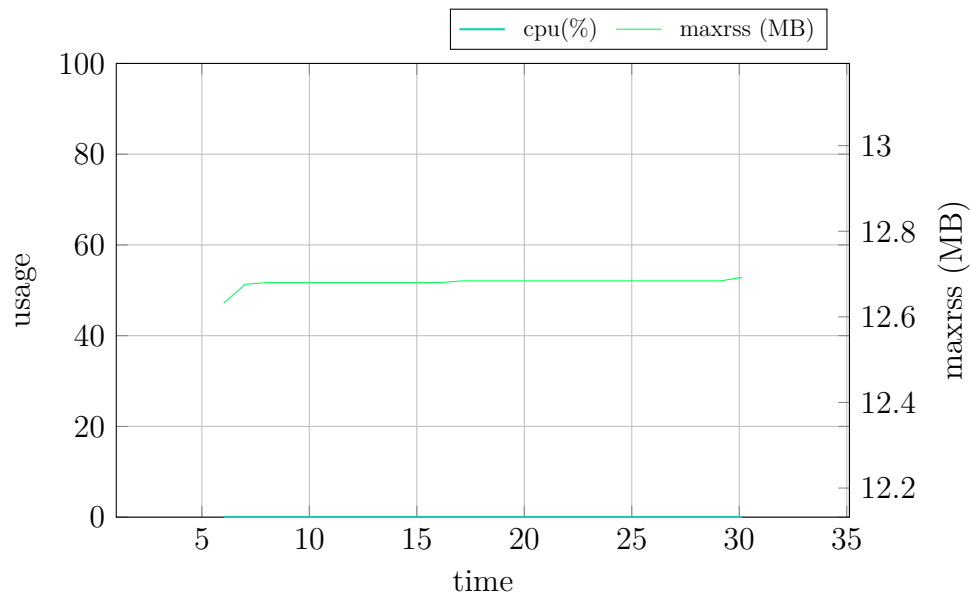


Resource usage (man getrusage)

| **test setup** | | **average results** | | **environment** | |
|---|---|---|---|---|---|
| Performance Test Version | | Experiment Status | success | Ignore seconds from beginning | 5 |
| Publishing rate | 100 | T_loop | 1.0044 | Memory check enabled | 0 |
| Topic name | Struct16 | received | 297.96 | Msg name | Struct16 |
| Number of publishers | 0 | sent | 0.0 | QOS Durability | VOLATILE |
| Number of subscribers | 3 | lost | 0.0 | QOS History depth | 100 |
| Maximum runtime (sec) | 30 | data_received | 9597.36 | QOS History kind | KEEP_LAST |
| DDS domain id | 0 | latency_min (ms) | 0.0245 | QOS Reliability | RELIABLE |
| Single participant | - | latency_max (ms) | 0.1881 | QOS Sync. pub/sub | 0 |
| | | latency_mean (ms) | 0.0581 | RMW Implementation | rmw_cyclonedds_cpp |
| | | latency_variance (ms) | 0.0 | Roundtrip Mode | NONE |
| | | pub_loop_res_min (ms) | inf | With security | 0 |
| | | pub_loop_res_max (ms) | -inf | Zero copy transfer | 0 |
| | | 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 (%) | 0.0 | | |
| | | max_ram_usage (MB) | 12.69 | | |