# Performance cyclonedds
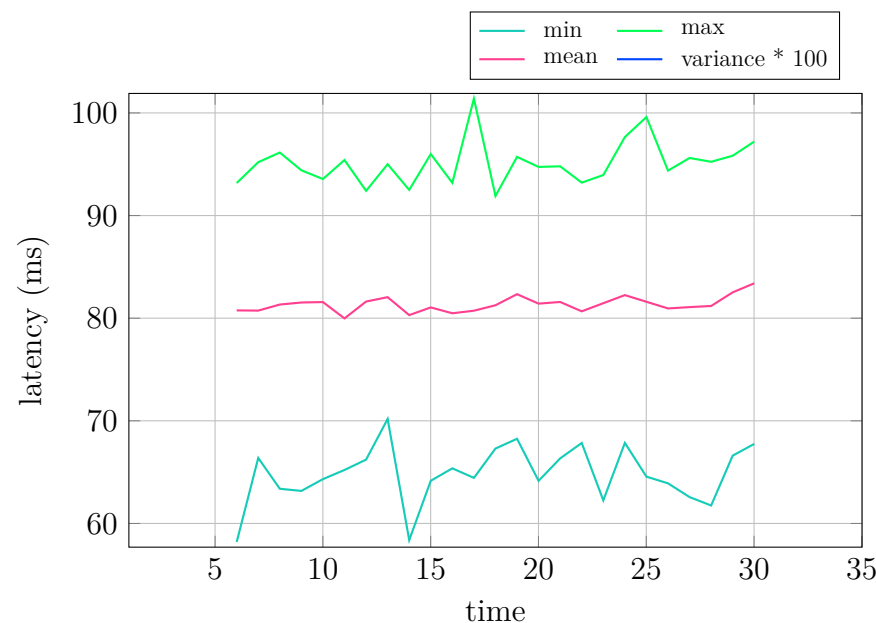
Latencies



Resource usage (man getrusage)
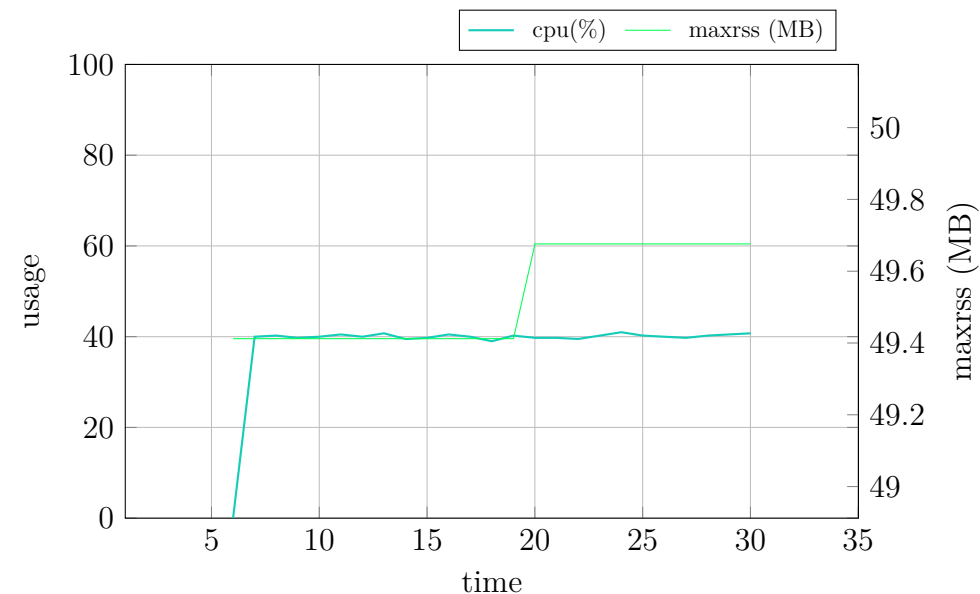
| test setup | | average results | | environment | |
|---|---|---|---|---|---|
| Performance Test Version | 2113db4 | Experiment Status | success | Ignore seconds from beginning | 5 |
| Publishing rate | 0 | T_loop | 1.0001 | Memory check enabled | 0 |
| Topic name | Struct32k | received | 1562.8 | Msg name | Struct32k |
| Number of publishers | 0 | sent | 0.0 | QOS Durability | VOLATILE |
| Number of subscribers | 1 | lost | 1770.28 | QOS History depth | 100 |
| Maximum runtime (sec) | 30 | relative_loss | inf | QOS History kind | KEEP_LAST |
| DDS domain id | 0 | data_received | 105876777.96 | QOS Reliability | RELIABLE |
| Single participant | - | latency_min (ms) | 64.8212 | QOS Sync. pub/sub | 0 |
| | | latency_max (ms) | 95.1292 | RMW Implementation | rmw_cyclonedds_cpp |
| | | latency_mean (ms) | 81.3544 | Roundtrip Mode | NONE |
| | | latency_variance (ms) | 0.0335 | 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 (%) | 38.4692 | | |
| | | max_ram_usage (MB) | 49.68 | | |