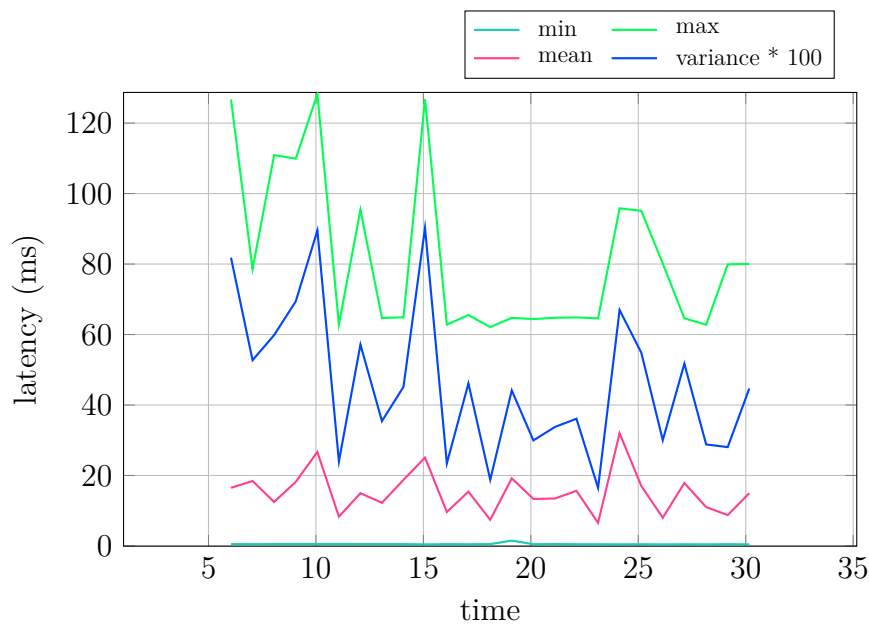
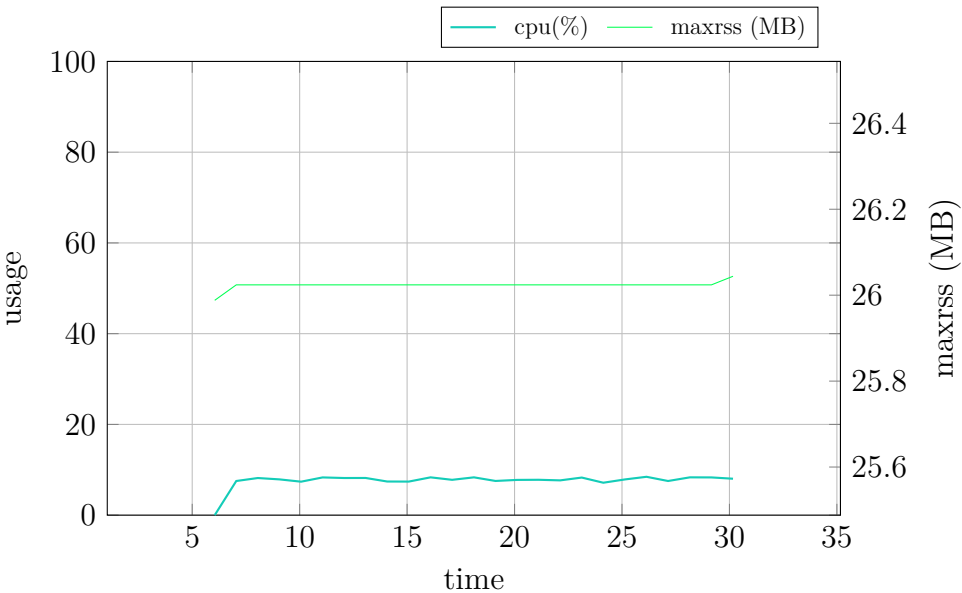


Performance fastrtps

| | |
|--------------------|--|
| Logfile name | acbb20ba-9ebb-4d94-8c2e-75c0aaadddd0.csv |
| Experiment id | 84656460-7aff-4a03-925a-aebca519da28 |
| Communication mean | RCLCPP_SINGLE_THREADED_EXECUTOR |



Latencies



Resource usage ([man getrusage](#))

test setup

| | |
|--------------------------|-----------|
| Performance Test Version | |
| Publishing rate | 500 |
| Topic name | Struct32k |
| Number of publishers | 0 |
| Number of subscribers | 1 |
| Maximum runtime (sec) | 30 |
| DDS domain id | 0 |
| Single participant | - |

average results

| | |
|----------------------------|-------------|
| Experiment Status | success |
| T_loop | 1.0053 |
| received | 501.32 |
| sent | 0.0 |
| lost | 0.0 |
| data_received | 33987263.64 |
| latency_min (ms) | 0.5374 |
| latency_max (ms) | 81.6396 |
| latency_mean (ms) | 15.2806 |
| latency_variance (ms) | 0.4636 |
| 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 (%) | 7.5868 |
| max_ram_usage (MB) | 26.04 |

environment

| | |
|-------------------------------|------------------|
| Ignore seconds from beginning | 5 |
| Memory check enabled | 0 |
| Msg name | Struct32k |
| QOS Durability | VOLATILE |
| QOS History depth | 100 |
| QOS History kind | KEEP_LAST |
| QOS Reliability | RELIABLE |
| QOS Sync. pub/sub | 0 |
| RMW Implementation | rmw_fastrtps_cpp |
| Roundtrip Mode | NONE |
| With security | 0 |
| Zero copy transfer | 0 |