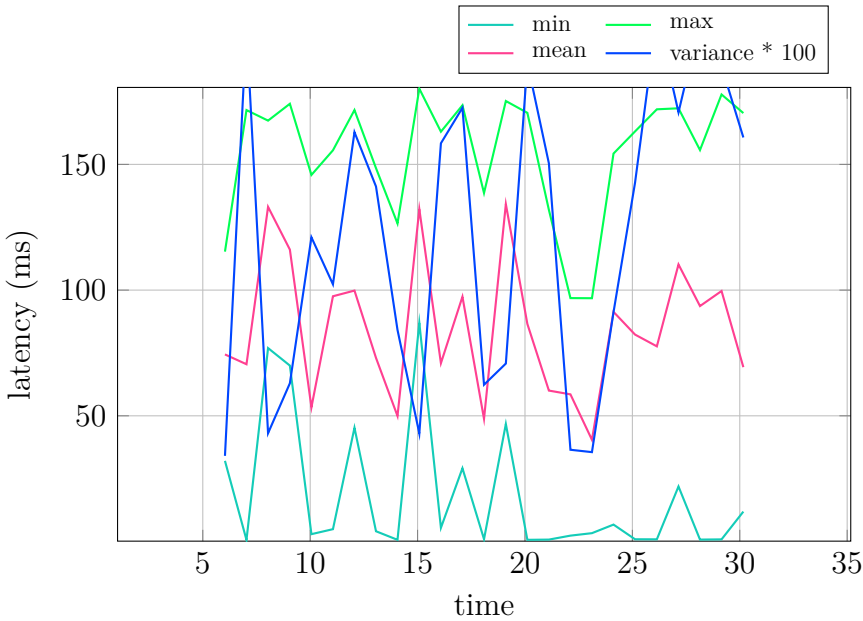
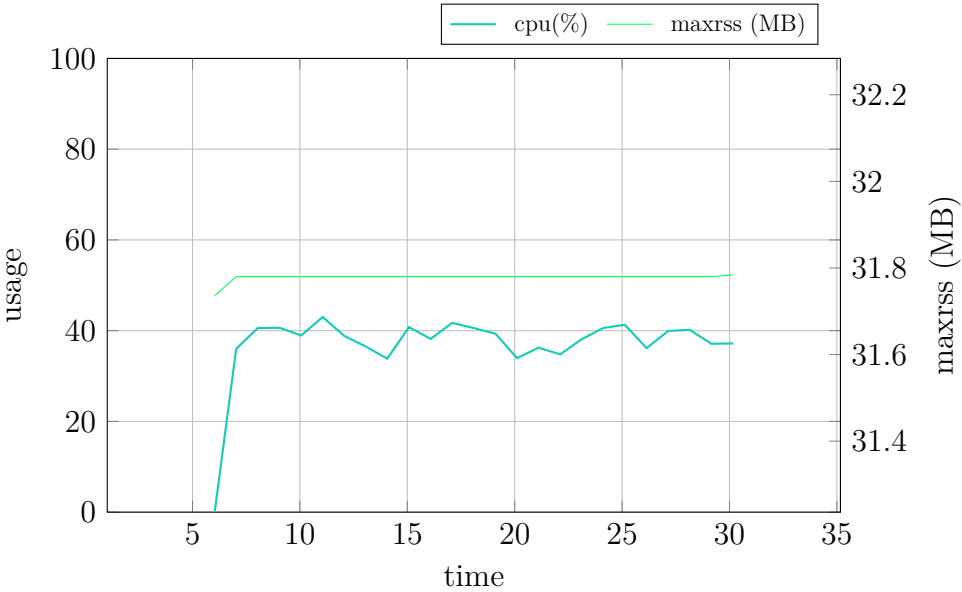


Performance fastrtps

| | |
|--------------------|--|
| Logfile name | a41defe2-af9c-4392-914d-a99492dec88b.csv |
| Experiment id | 2c3bef0e-a61f-4f16-955b-ddb6b4c682e4 |
| Communication mean | RCLCPP_SINGLE_THREADED_EXECUTOR |



Latencies



Resource usage ([man getrusage](#))

test setup

| | |
|--------------------------|----------|
| Performance Test Version | 0 |
| Publishing rate | Struct16 |
| Topic name | 0 |
| Number of publishers | 10 |
| Number of subscribers | 30 |
| Maximum runtime (sec) | 0 |
| DDS domain id | - |
| Single participant | |

average results

| | |
|----------------------------|------------|
| Experiment Status | success |
| T_loop | 1.0055 |
| received | 267497.72 |
| sent | 0.0 |
| lost | 1115328.56 |
| relative_loss | inf |
| data_received | 8560094.68 |
| latency_min (ms) | 18.319 |
| latency_max (ms) | 154.7316 |
| latency_mean (ms) | 84.842 |
| latency_variance (ms) | 1.2182 |
| 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 (%) | 36.978 |
| max_ram_usage (MB) | 31.78 |

environment

| | |
|-------------------------------|------------------|
| Ignore seconds from beginning | 5 |
| Memory check enabled | 0 |
| Msg name | Struct16 |
| 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 |