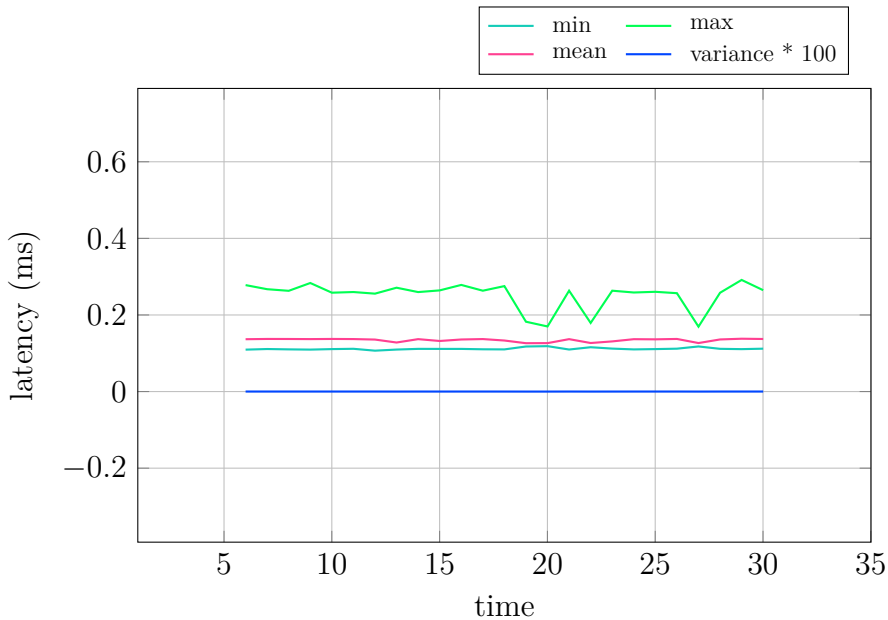
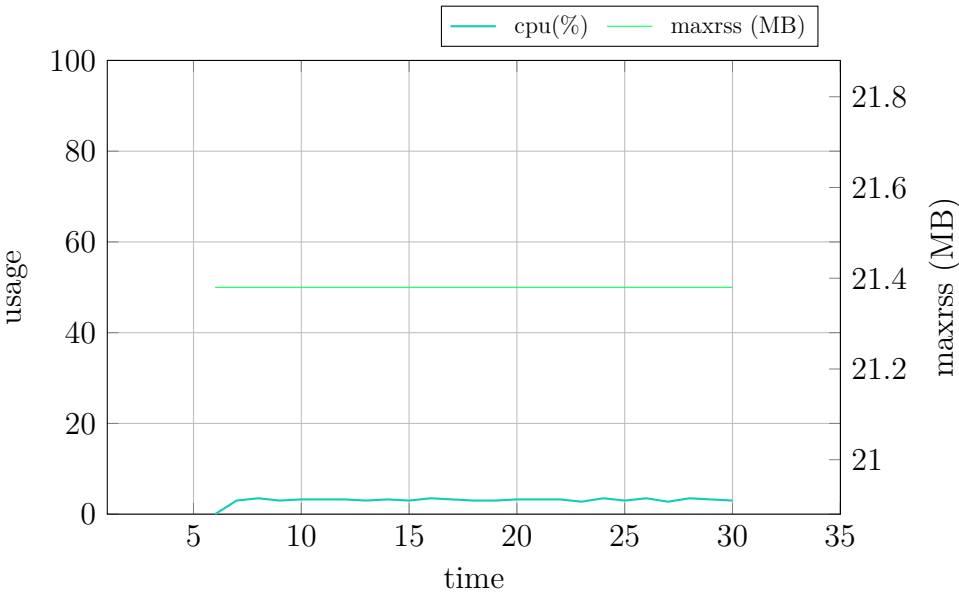


Performance fastrtps

| | |
|--------------------|--|
| Logfile name | aa4ac1ce-63d0-4343-b944-e070c081f901.csv |
| Experiment id | 82dc20ad-27c2-494b-b304-98163aaa49f8 |
| Communication mean | RCLCPP_SINGLE_THREADED_EXECUTOR |



Latencies



Resource usage ([man getrusage](#))

| test setup | | average results | | environment | |
|--------------------------|----------|----------------------------|---------|-------------------------------|------------------|
| Performance Test Version | 2113db4 | Experiment Status | success | Ignore seconds from beginning | 5 |
| Publishing rate | 500 | T_loop | 1.0001 | Memory check enabled | 0 |
| Topic name | Struct16 | received | 499.16 | Msg name | Struct16 |
| Number of publishers | 1 | sent | 499.16 | QOS Durability | VOLATILE |
| Number of subscribers | 1 | lost | 0.0 | QOS History depth | 100 |
| Maximum runtime (sec) | 30 | relative_loss | 0.0 | QOS History kind | KEEP_LAST |
| DDS domain id | 0 | data_received | 15999.6 | QOS Reliability | RELIABLE |
| Single participant | - | latency_min (ms) | 0.1117 | QOS Sync. pub/sub | 0 |
| | | latency_max (ms) | 0.2519 | RMW Implementation | rmw_fastrtps_cpp |
| | | latency_mean (ms) | 0.1343 | Roundtrip Mode | NONE |
| | | latency_variance (ms) | 0.0 | With security | 0 |
| | | pub_loop_res_min (ms) | 1.762 | Zero copy transfer | 0 |
| | | pub_loop_res_max (ms) | 1.896 | | |
| | | pub_loop_res_mean (ms) | 1.8761 | | |
| | | 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 (%) | 3.049 | | |
| | | max_ram_usage (MB) | 21.38 | | |