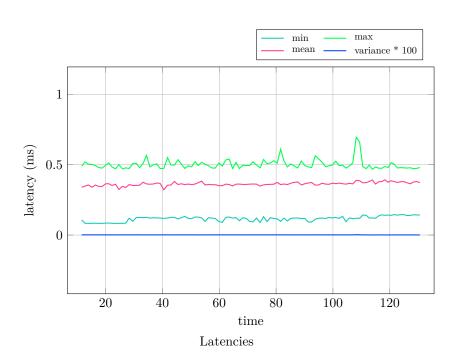
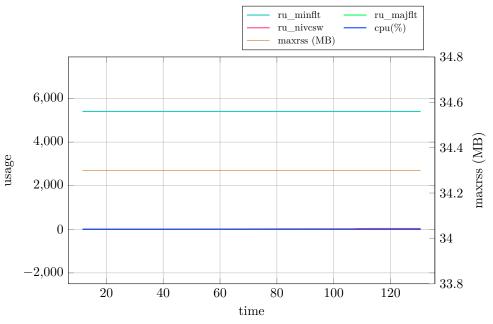
Performance

Logfile name log_test_topic_12-12-2020_14-25-26
Experiment id 149ee9ce-5faf-4dbf-bfa8-0510bf0f7d2d
Communication mean ROS2





Resource usage (man getrusage)

test setup

Performance Test Version 80ff298 Publishing rate 10 Topic name test_topic Number of publishers 1 Number of subscribers 5 Maximum runtime (sec) 130 DDS domain id 0 Single participant -

average results

| Experiment Status | success |
|----------------------------|-------------|
| T_loop | 1.19 |
| received | 47.5842 |
| sent | 9.5149 |
| lost | 0.0 |
| relative_loss | 0.0 |
| data_received | 423289.4455 |
| latency_min (ms) | 0.1161 |
| latency_max (ms) | 0.5014 |
| latency_mean (ms) | 0.3631 |
| latency_variance (ms) | 0.0 |
| pub_loop_res_min (ms) | 99.4352 |
| pub_loop_res_max (ms) | 99.885 |
| pub_loop_res_mean (ms) | 99.542 |
| 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 $(\%)$ | 1.443 |
| | |

environment

| Ignore seconds from beginning | 10 |
|-------------------------------|------------------|
| Memory check enabled | 0 |
| Msg name | Struct4k |
| QOS Durability | VOLATILE |
| QOS History depth | 1 |
| QOS History kind | KEEP_LAST |
| QOS Reliability | BEST_EFFORT |
| QOS Sync. pub/sub | 0 |
| RMW Implementation | rmw_fastrtps_cpp |
| Roundtrip Mode | NONE |
| With security | 0 |
| | |