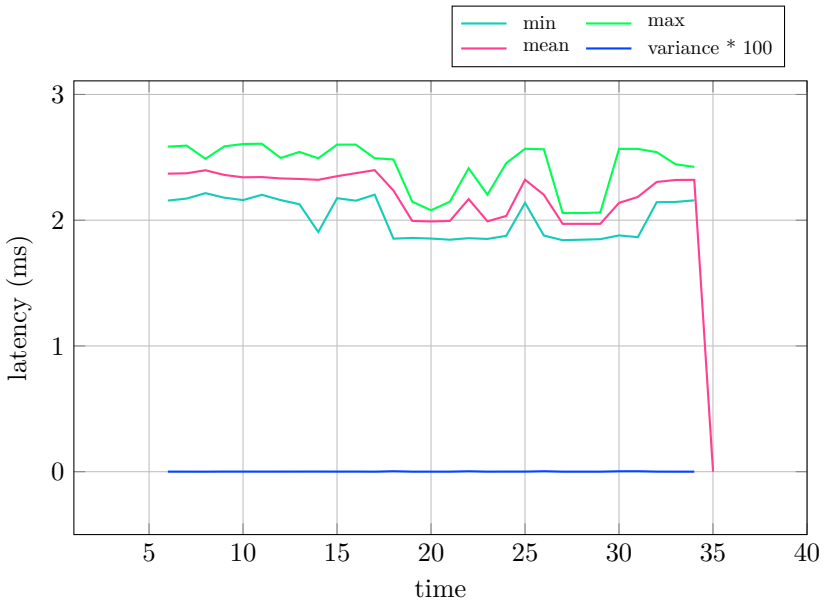
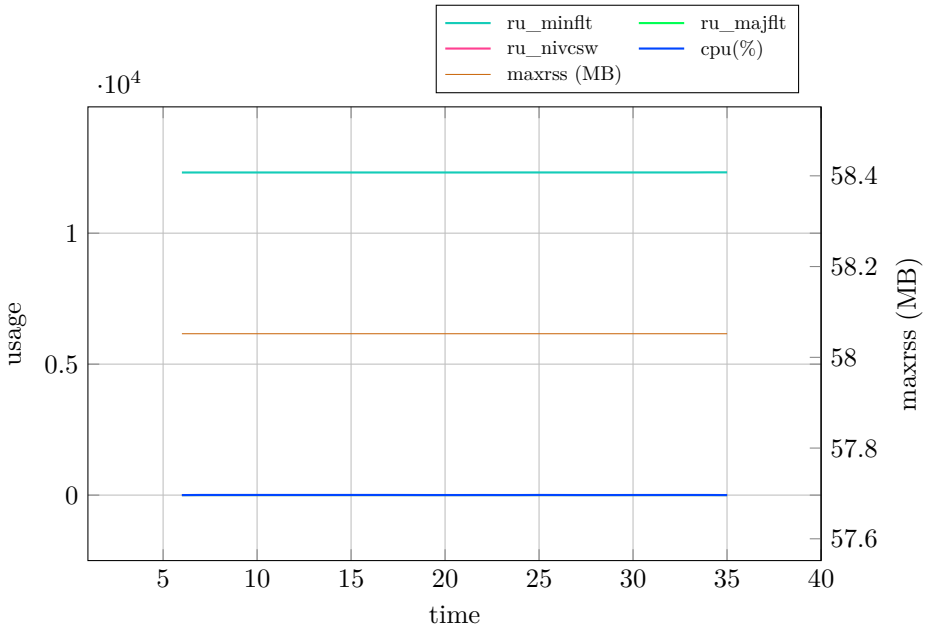
# Performance

| | |
|---|---|
| Logfile name | logs/interhost_main_Struct32k_500_best_effort.csv |
| Experiment id | 7fb807e1-f3e5-4941-9d6a-ec14f8dd9342 |
| Communication mean | RCLCPP_SINGLE_THREADED_EXECUTOR |




Latencies




Resource usage (man getrusage)

**test setup**

| | |
|---|---|
| Performance Test Version | 2fc8cc2 |
| Publishing rate | 500 |
| Topic name | Struct32k |
| Number of publishers | 1 |
| Number of subscribers | 1 |
| Maximum runtime (sec) | 35 |
| DDS domain id | 0 |
| Single participant | - |

**average results**

| | |
|---|---|
| Experiment Status | success |
| T_loop | 1.0001 |
| received | 479.0667 |
| sent | 499.0667 |
| lost | 0.0 |
| relative_loss | 0.0 |
| data_received | 32506939.5667 |
| latency_min (ms) | inf |
| latency_max (ms) | -inf |
| latency_mean (ms) | 2.1466 |
| latency_variance (ms) | 0.0 |
| pub_loop_res_min (ms) | 1.7228 |
| pub_loop_res_max (ms) | 1.817 |
| pub_loop_res_mean (ms) | 1.7703 |
| 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 (%) | 3.8079 |

**environment**

| | |
|---|---|
| Ignore seconds from beginning | 5 |
| Memory check enabled | 0 |
| Msg name | Struct32k |
| QOS Durability | VOLATILE |
| QOS History depth | 16 |
| QOS History kind | KEEP_LAST |
| QOS Reliability | BEST_EFFORT |
| QOS Sync. pub/sub | 0 |
| RMW Implementation | rmw_cyclonedds_cpp |
| Roundtrip Mode | MAIN |
| With security | 0 |
| Zero copy transfer | 0 |