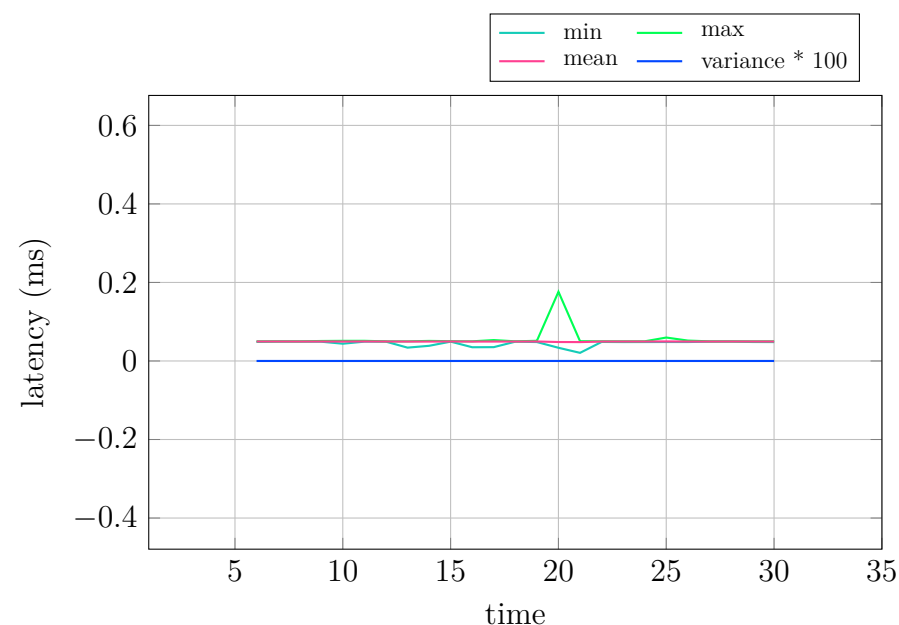
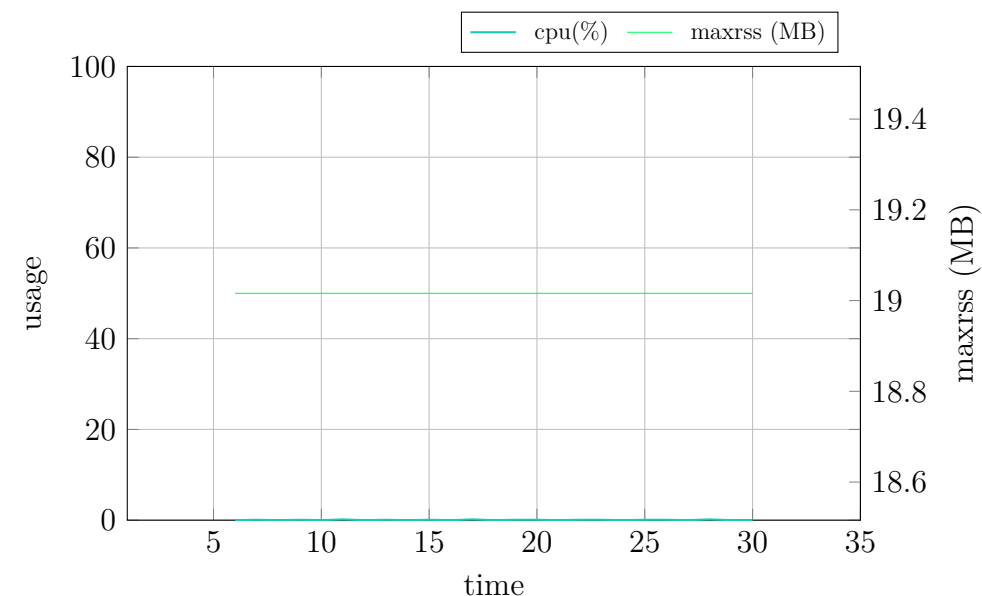


# Performance cyclonedds

|                    |  |
|--------------------|--|
| Logfile name       | fd9d7c11-2d2d-4152-8fb3-0fbfea71eb4b.csv |
| Experiment id      | 188e60bd-98ef-4cbe-b37c-fd5b084aae2c     |
| Communication mean | RCLCPP_SINGLE_THREADED_EXECUTOR          |



Latencies



Resource usage ([man getrusage](#))

## test setup

|                          |          |
|--------------------------|----------|
| Performance Test Version | 2113db4  |
| Publishing rate          | 100      |
| Topic name               | Struct16 |
| Number of publishers     | 1        |
| Number of subscribers    | 1        |
| Maximum runtime (sec)    | 30       |
| DDS domain id            | 0        |
| Single participant       | -        |

## average results

|                            |         |
|----------------------------|---------|
| Experiment Status          | success |
| T_loop                     | 1.0001  |
| received                   | 99.0    |
| sent                       | 99.0    |
| lost                       | 0.0     |
| relative_loss              | 0.0     |
| data_received              | 3199.0  |
| latency_min (ms)           | 0.0447  |
| latency_max (ms)           | 0.0559  |
| latency_mean (ms)          | 0.0494  |
| latency_variance (ms)      | 0.0     |
| pub_loop_res_min (ms)      | 9.895   |
| pub_loop_res_max (ms)      | 9.9139  |
| pub_loop_res_mean (ms)     | 9.9032  |
| 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 (%)              | 0.0528  |
| max_ram_usage (MB)         | 19.02   |

## 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_cyclonedds_cpp |
| Roundtrip Mode                | NONE               |
| With security                 | 0                  |
| Zero copy transfer            | 0                  |