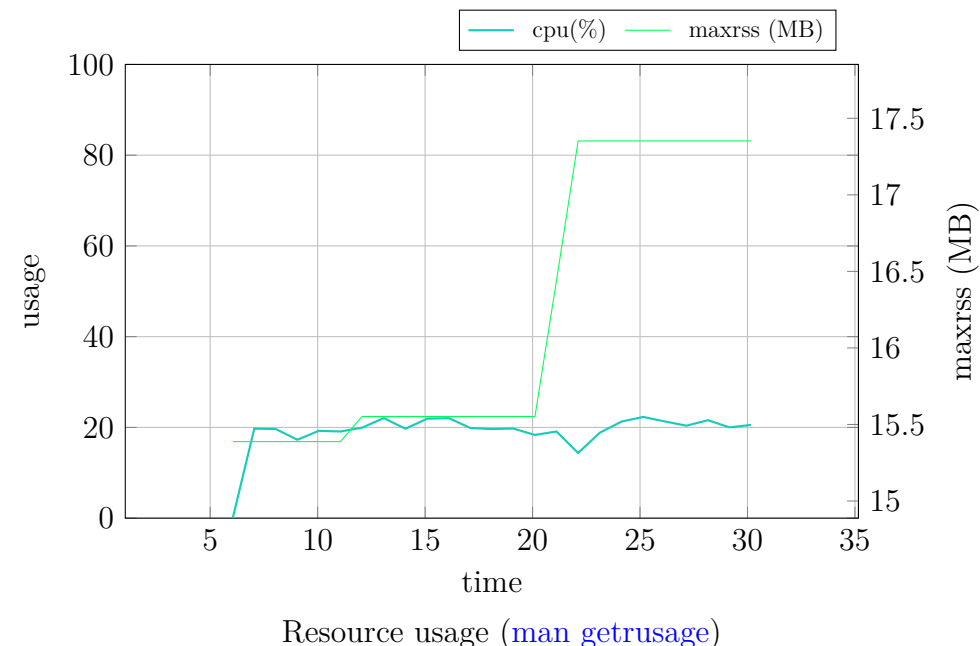
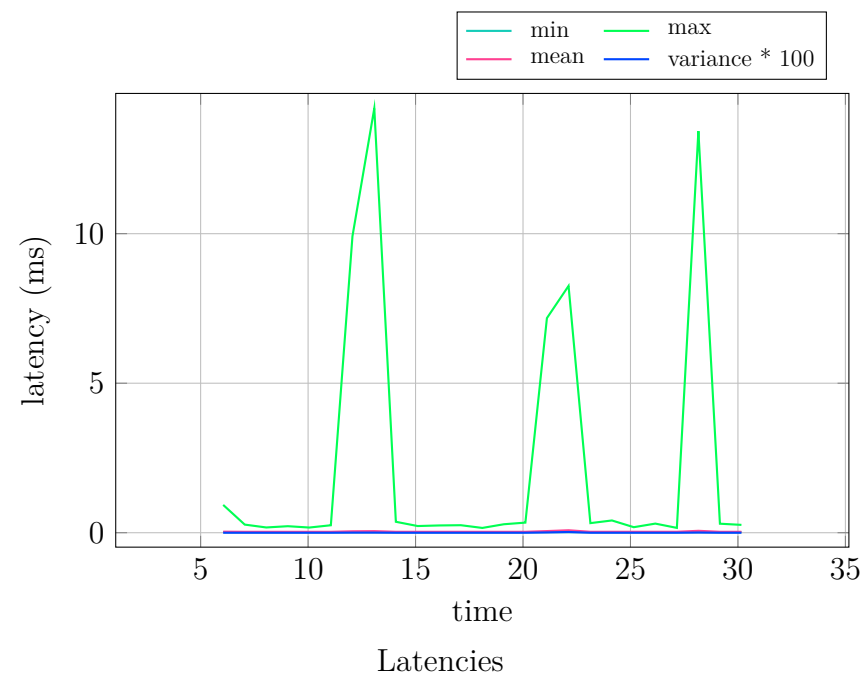


# Performance cyclonedds

|                    |  |
|--------------------|--|
| Logfile name       | 68e3f077-a3d1-4b62-b049-394a9d08df1d.csv |
| Experiment id      | 6593a2f1-8366-4267-9a52-654409c2e374     |
| Communication mean | RCLCPP_SINGLE_THREADED_EXECUTOR          |



## test setup

|                          |          |
|--------------------------|----------|
| Performance Test Version |          |
| Publishing rate          | 0        |
| Topic name               | Array16k |
| Number of publishers     | 0        |
| Number of subscribers    | 3        |
| Maximum runtime (sec)    | 30       |
| DDS domain id            | 0        |
| Single participant       | -        |

## average results

|                            |              |
|----------------------------|--------------|
| Experiment Status          | success      |
| T_loop                     | 1.0048       |
| received                   | 190573.8     |
| sent                       | 0.0          |
| lost                       | 566.64       |
| data_received              | 3125434101.8 |
| latency_min (ms)           | 0.018        |
| latency_max (ms)           | 2.352        |
| latency_mean (ms)          | 0.0372       |
| latency_variance (ms)      | 0.0          |
| 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 (%)              | 19.1208      |
| max_ram_usage (MB)         | 17.35        |

## environment

|                               |                    |
|-------------------------------|--------------------|
| Ignore seconds from beginning | 5                  |
| Memory check enabled          | 0                  |
| Msg name                      | Array16k           |
| 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                  |