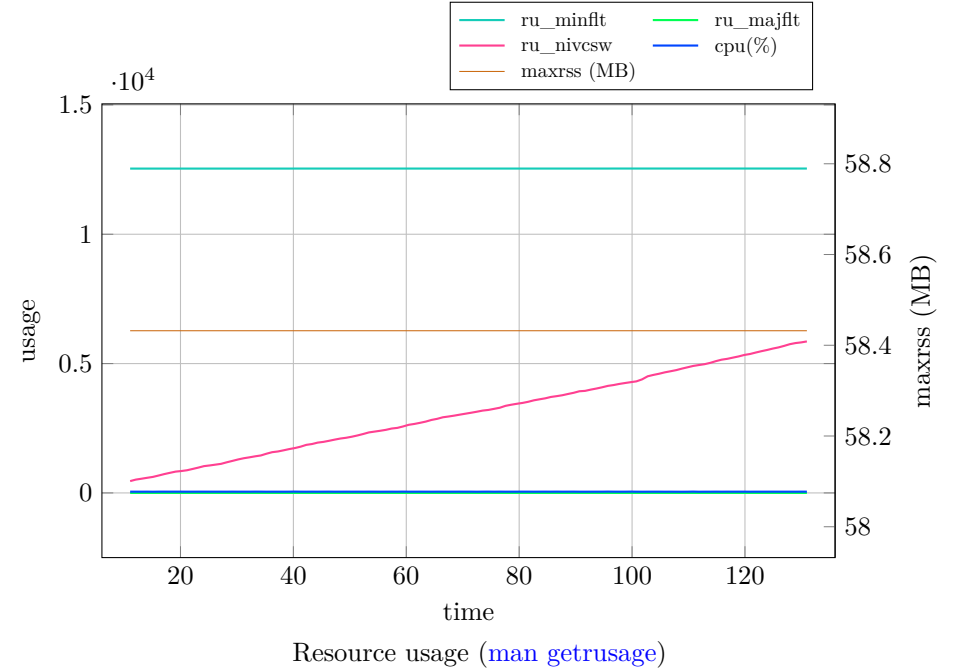
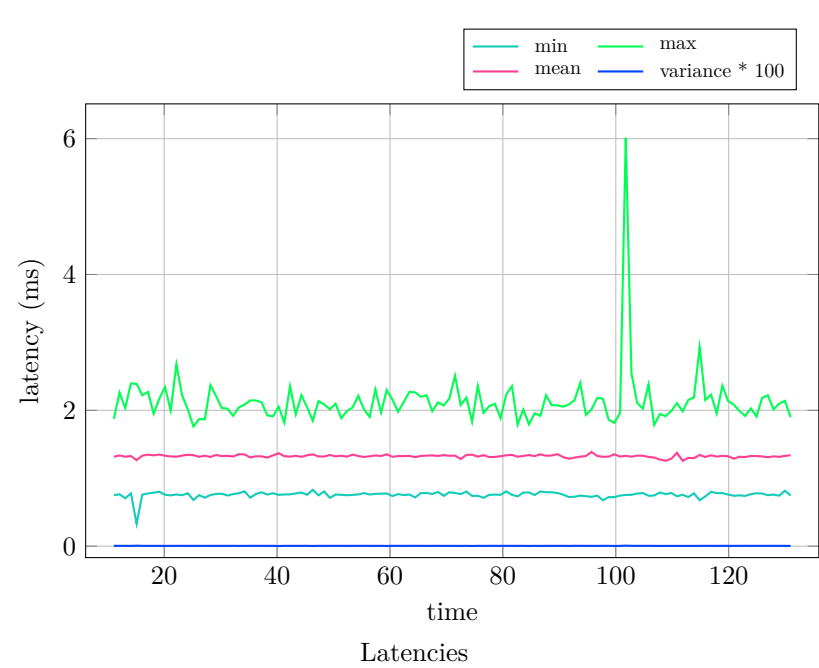


# Performance

|                    |                                      |
|--------------------|--------------------------------------|
| Logfile name       | log_test_topic_01-12-2020_17-08-28   |
| Experiment id      | a892b186-f3d2-400c-995e-f83430e89c3a |
| Communication mean | ROS2                                 |



## test setup

|                          |            |
|--------------------------|------------|
| Performance Test Version | 80ff298    |
| Publishing rate          | 500        |
| Topic name               | test_topic |
| Number of publishers     | 1          |
| Number of subscribers    | 10         |
| Maximum runtime (sec)    | 130        |
| DDS domain id            | 0          |
| Single participant       | -          |

## average results

|                            |                 |
|----------------------------|-----------------|
| Experiment Status          | success         |
| T_loop                     | 1.0071          |
| received                   | 4994.4417       |
| sent                       | 499.5167        |
| lost                       | 0.3667          |
| relative_loss              | 0.0007          |
| data_received              | 5242321165.5917 |
| latency_min (ms)           | 0.7561          |
| latency_max (ms)           | 2.1288          |
| latency_mean (ms)          | 1.325           |
| latency_variance (ms)      | 0.0             |
| pub_loop_res_min (ms)      | 1.0365          |
| pub_loop_res_max (ms)      | 1.6017          |
| pub_loop_res_mean (ms)     | 1.4877          |
| 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 (%)              | 48.7341         |

## environment

|                               |                    |
|-------------------------------|--------------------|
| Ignore seconds from beginning | 10                 |
| Memory check enabled          | 0                  |
| Msg name                      | Array1m            |
| QOS Durability                | VOLATILE           |
| QOS History depth             | 1                  |
| QOS History kind              | KEEP_LAST          |
| QOS Reliability               | BEST_EFFORT        |
| QOS Sync. pub/sub             | 0                  |
| RMW Implementation            | rmw_cyclonedds_cpp |
| Roundtrip Mode                | NONE               |
| With security                 | 0                  |