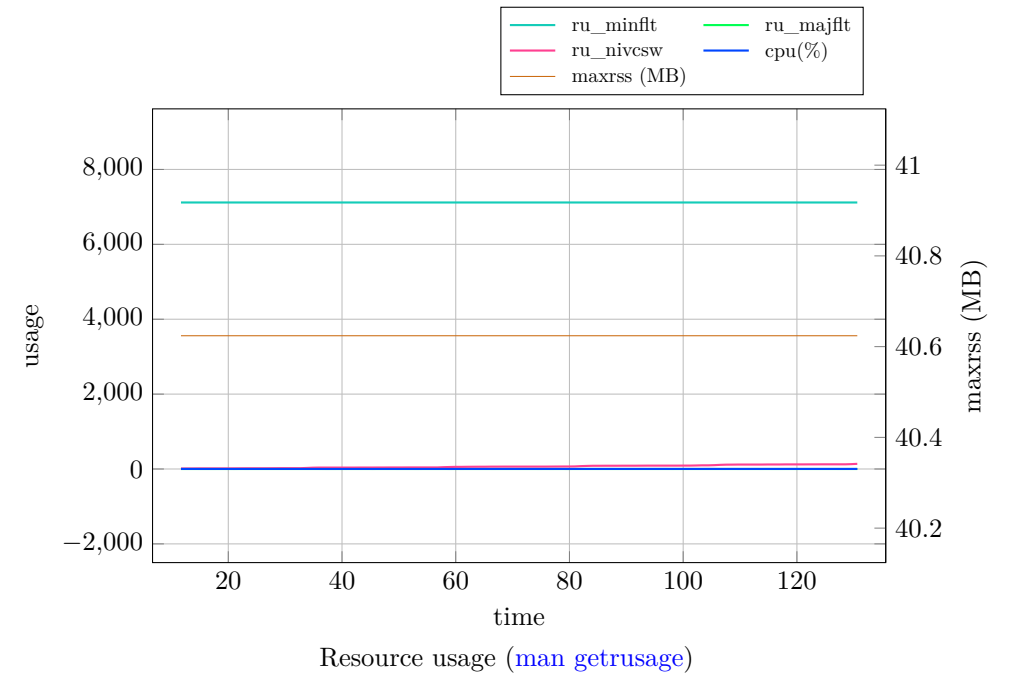
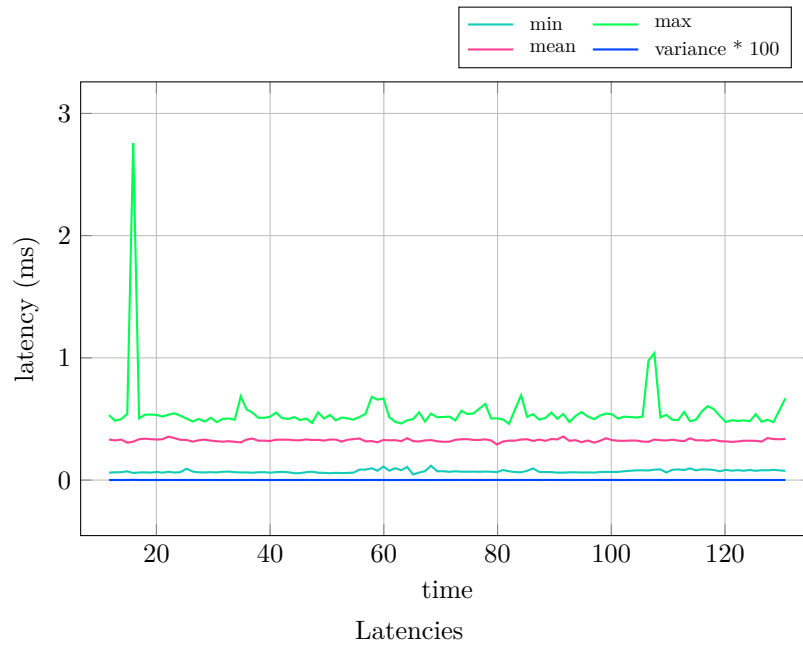


# Performance

|                    |                                      |
|--------------------|--------------------------------------|
| Logfile name       | log_test_topic_01-12-2020_12-03-44   |
| Experiment id      | d2aad0f6-e5ab-4eda-b984-5e3662241aa6 |
| Communication mean | ROS2                                 |



## test setup

|                          |            |
|--------------------------|------------|
| Performance Test Version | 80ff298    |
| Publishing rate          | 50         |
| 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                     | 1.0527       |
| received                   | 495.0351     |
| sent                       | 49.5         |
| lost                       | 0.0          |
| relative_loss              | 0.0          |
| data_received              | 8200439.0526 |
| latency_min (ms)           | 0.0715       |
| latency_max (ms)           | 0.5534       |
| latency_mean (ms)          | 0.3255       |
| latency_variance (ms)      | 0.0          |
| pub_loop_res_min (ms)      | 19.4384      |
| pub_loop_res_max (ms)      | 19.9025      |
| pub_loop_res_mean (ms)     | 19.557       |
| 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 (%)              | 1.6011       |

## environment

|                               |                  |
|-------------------------------|------------------|
| Ignore seconds from beginning | 10               |
| Memory check enabled          | 0                |
| Msg name                      | Array16k         |
| 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                |