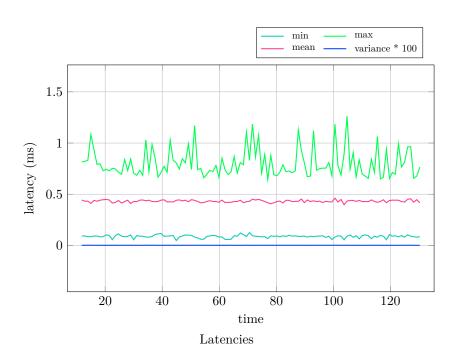
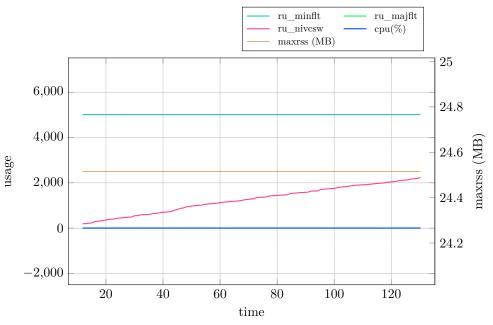
# Performance

 Logfile name
 log\_test\_topic\_29-11-2020\_12-50-18

 Experiment id
 c39aa382-79ab-42c7-935d-a6eeb179b8d5

 Communication mean
 ROS2





Resource usage (man getrusage)

## 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                     | 1.0676      |
| received                   | 495.0536    |
| sent                       | 49.5        |
| lost                       | 0.0         |
| relative_loss              | 0.0         |
| data_received              | 420030.4821 |
| latency_min (ms)           | 0.0879      |
| latency_max (ms)           | 0.8039      |
| latency_mean (ms)          | 0.4322      |
| latency_variance (ms)      | 0.0         |
| pub_loop_res_min (ms)      | 19.5172     |
| pub_loop_res_max (ms)      | 19.8993     |
| pub_loop_res_mean (ms)     | 19.6859     |
| 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 (%)              | 3.2643      |

## environment

| Ignore seconds from beginning | 10                   |
|-------------------------------|----------------------|
| Memory check enabled          | 0                    |
| Msg name                      | RadarTrack           |
| QOS Durability                | VOLATILE             |
| QOS History depth             | 1000                 |
| QOS History kind              | KEEP_ALL             |
| QOS Reliability               | BEST_EFFORT          |
| QOS Sync. pub/sub             | 0                    |
| RMW Implementation            | rmw_ecal_dynamic_cpp |
| Roundtrip Mode                | NONE                 |
| With security                 | 0                    |
| -                             |                      |