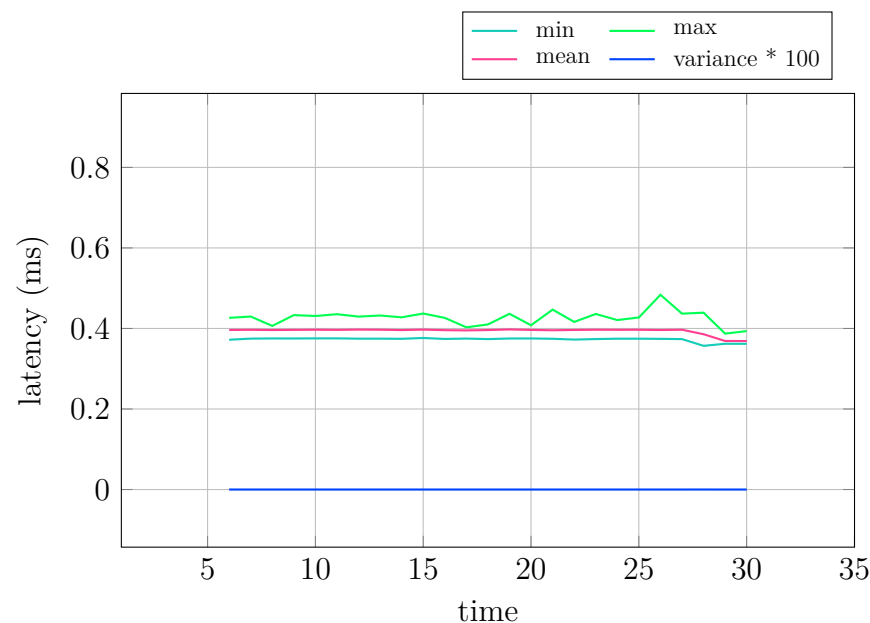
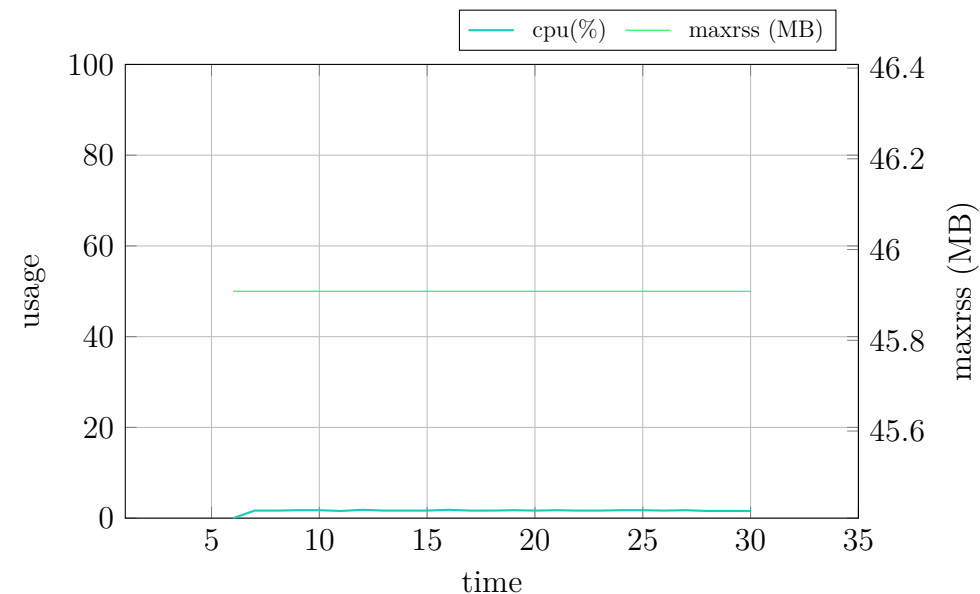


# Performance fastrtps

|                    |  |
|--------------------|--|
| Logfile name       | 1c6d1ade-d6e7-424d-afef-1a4285122536.csv |
| Experiment id      | 5e6dcd35-cca9-4d37-b18e-aeadcf867bc7     |
| Communication mean | RCLCPP_SINGLE_THREADED_EXECUTOR          |



Latencies



Resource usage ([man getrusage](#))

## test setup

|                          |         |
|--------------------------|---------|
| Performance Test Version | 2113db4 |
| Publishing rate          | 500     |
| Topic name               | Array2m |
| 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                   | 499.04        |
| sent                       | 499.08        |
| lost                       | 0.0           |
| relative_loss              | 0.0           |
| data_received              | 1048535575.16 |
| latency_min (ms)           | 0.3728        |
| latency_max (ms)           | 0.4264        |
| latency_mean (ms)          | 0.3938        |
| latency_variance (ms)      | 0.0           |
| pub_loop_res_min (ms)      | 1.6675        |
| pub_loop_res_max (ms)      | 1.7546        |
| pub_loop_res_mean (ms)     | 1.7356        |
| 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 (%)              | 1.6226        |
| max_ram_usage (MB)         | 45.91         |

## environment

|                               |                  |
|-------------------------------|------------------|
| Ignore seconds from beginning | 5                |
| Memory check enabled          | 0                |
| Msg name                      | Array2m          |
| QOS Durability                | VOLATILE         |
| QOS History depth             | 100              |
| QOS History kind              | KEEP_LAST        |
| QOS Reliability               | RELIABLE         |
| QOS Sync. pub/sub             | 0                |
| RMW Implementation            | rmw_fastrtps_cpp |
| Roundtrip Mode                | NONE             |
| With security                 | 0                |
| Zero copy transfer            | 0                |