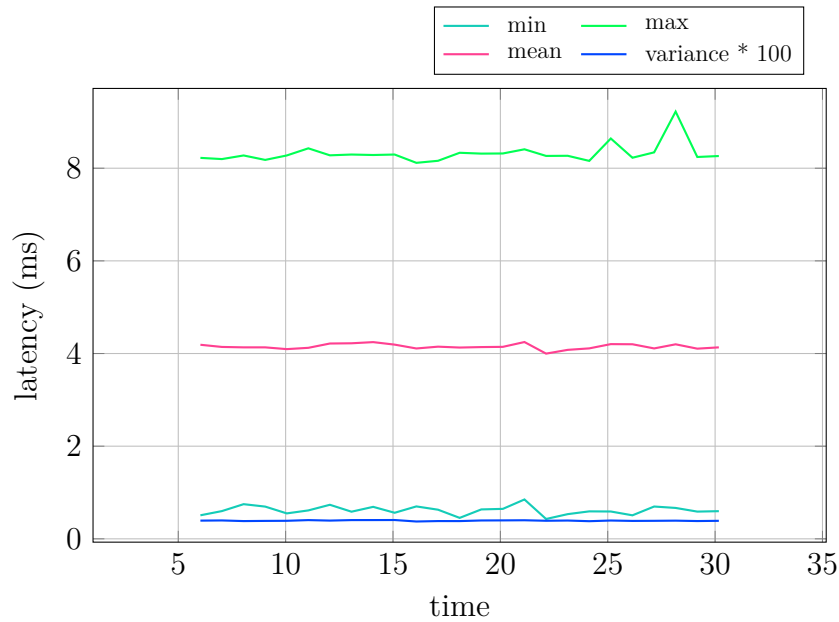
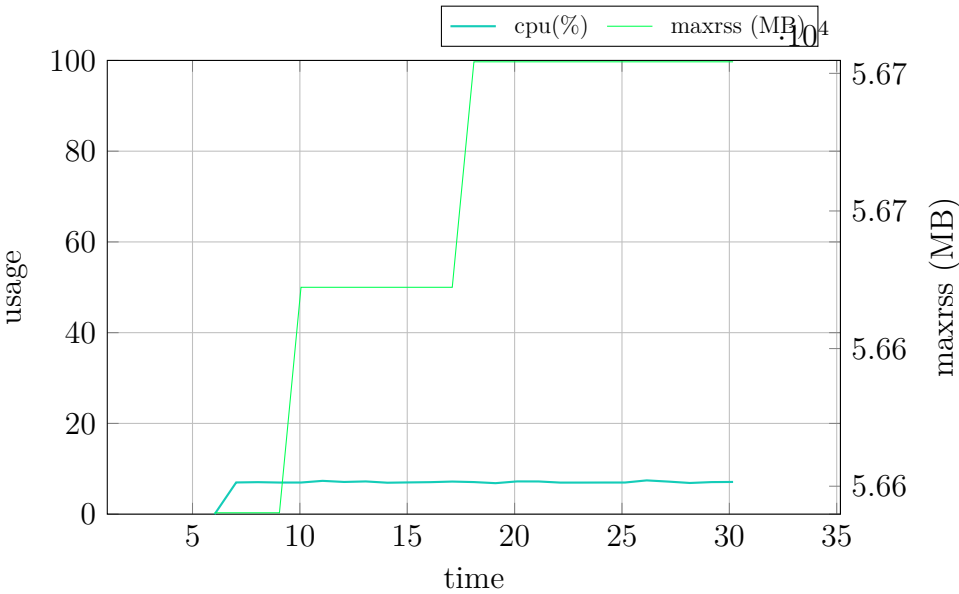


# Performance fastrtps

|                    |  |
|--------------------|--|
| Logfile name       | 419b5bb9-5671-4b87-be6d-f775fe60f3f1.csv |
| Experiment id      | e7f76d2a-19b3-490c-93ca-54b01ff02f7d     |
| Communication mean | RCLCPP_SINGLE_THREADED_EXECUTOR          |



Latencies



Resource usage ([man getrusage](#))

## test setup

|                          |               |
|--------------------------|---------------|
| Performance Test Version | 2fc8cc2-dirty |
| Publishing rate          | 500           |
| Topic name               | Struct32k     |
| 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                     | 1.0057       |
| received                   | 1498.2       |
| sent                       | 0.0          |
| lost                       | 0.0          |
| relative_loss              | nan          |
| data_received              | 101587428.76 |
| latency_min (ms)           | 0.6162       |
| latency_max (ms)           | 8.3203       |
| latency_mean (ms)          | 4.1498       |
| latency_variance (ms)      | 0.0039       |
| 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 (%)              | 6.7843       |
| max_ram_usage (MB)         | 56754.18     |

## environment

|                               |                  |
|-------------------------------|------------------|
| Ignore seconds from beginning | 5                |
| Memory check enabled          | 0                |
| Msg name                      | Struct32k        |
| 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                |