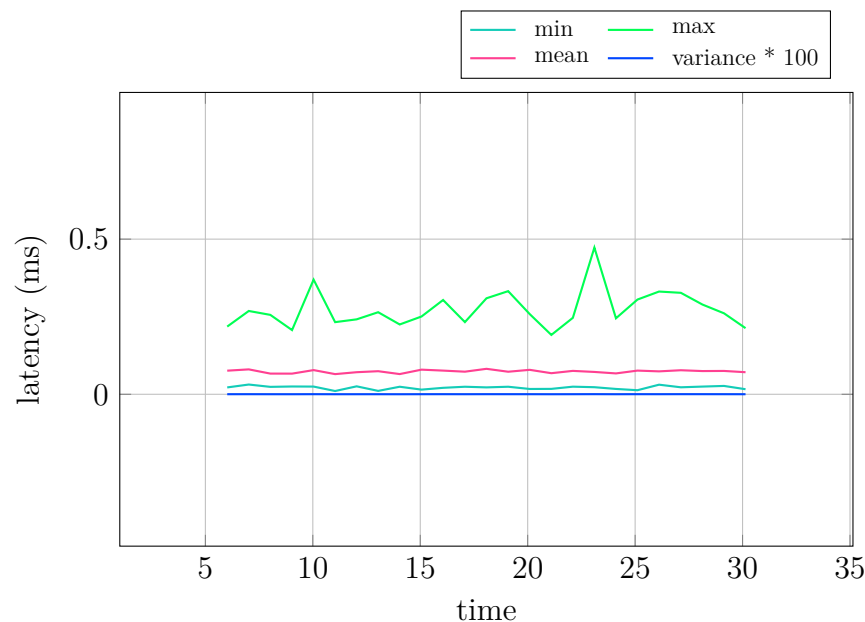
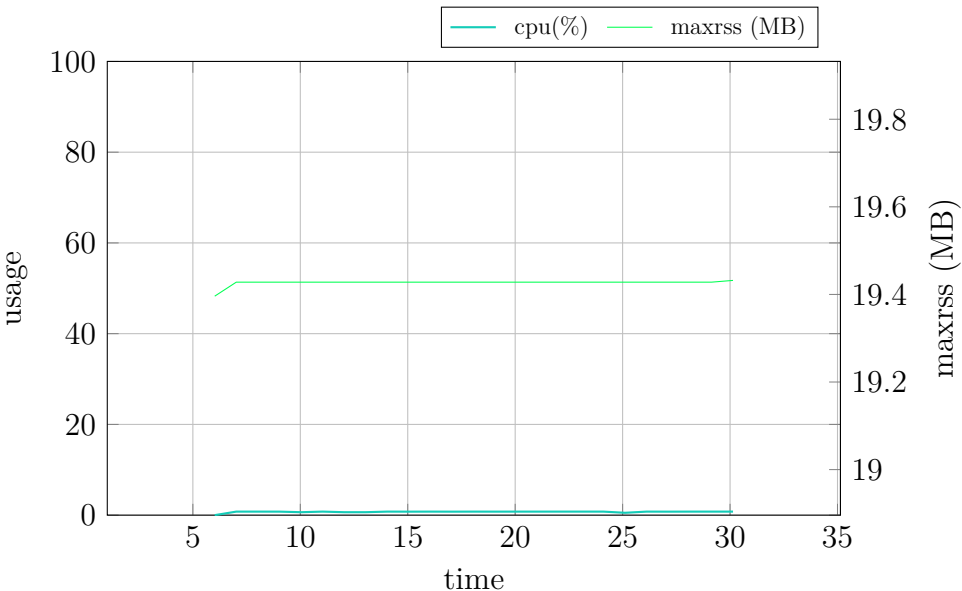


Performance fastrtps

Logfile name	64b98e2e-3095-4020-b872-f6940dfe6561.csv
Experiment id	63b7b6d6-6a77-49e2-b3fb-ca5a1793a971
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version
Publishing rate 500
Topic name Struct16
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 1.0049
received 499.56
sent 499.56
lost 0.0
relative_loss 0.0
data_received 15999.72
latency_min (ms) 0.0215
latency_max (ms) 0.2741
latency_mean (ms) 0.0735
latency_variance (ms) 0.0
pub_loop_res_min (ms) -14.7368
pub_loop_res_max (ms) 1.9582
pub_loop_res_mean (ms) -5.8482
pub_loop_res_variance (ms) 0.0205
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 (%) 0.7203
max_ram_usage (MB) 19.43

environment

Ignore seconds from beginning 5
Memory check enabled 0
Msg name Struct16
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