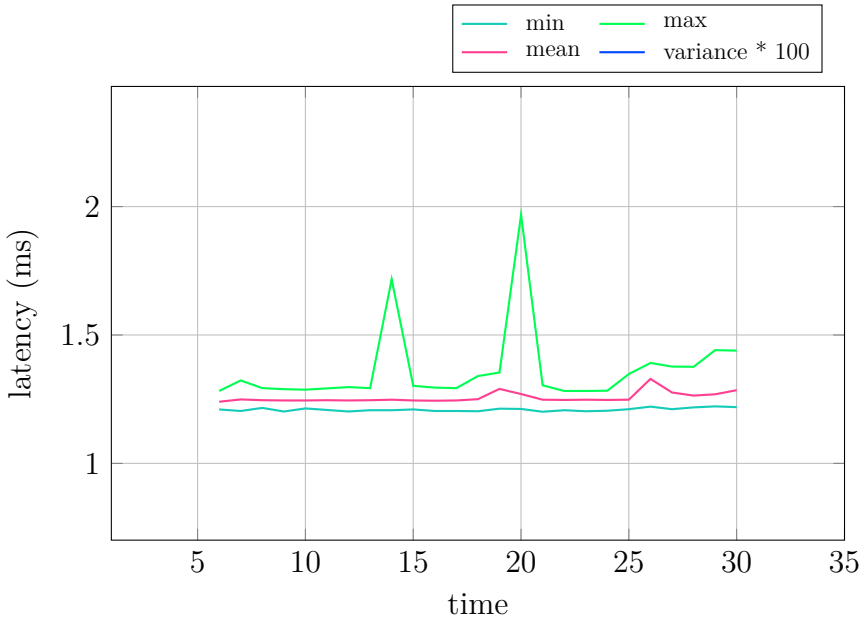
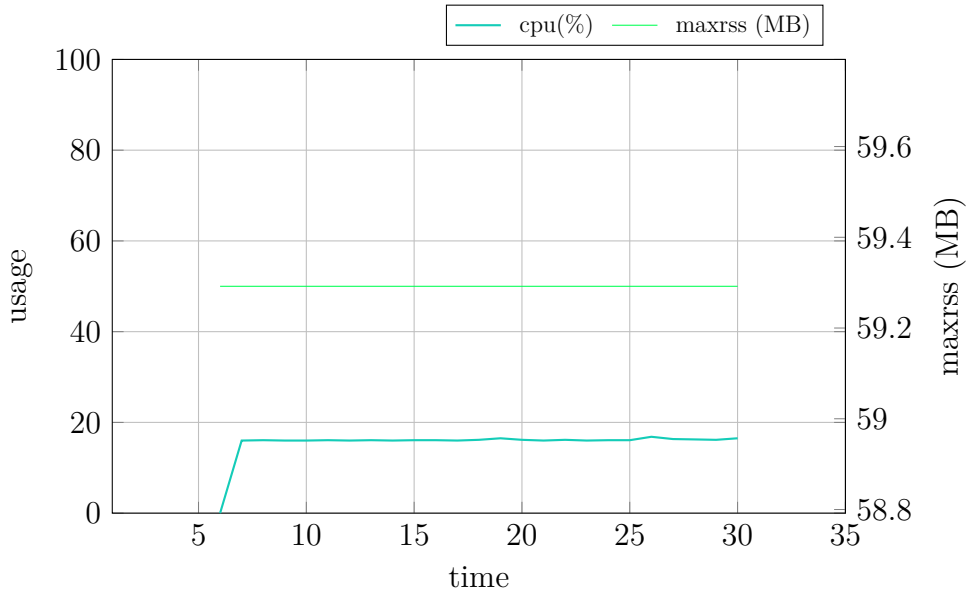
Performance fastrtps

Logfile name	431886fb-c96d-4ad4-9fbe-d624ed5e7eaf.csv
Experiment id	889aadf2-e64d-4242-b0c9-ca7fa63703a0
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2113db4
Publishing rate	0
Topic name	PointCloud4m
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	1536.96
sent	1537.0
lost	0.0
relative_loss	0.0
data_received	6453608681.12
latency_min (ms)	1.2094
latency_max (ms)	1.3659
latency_mean (ms)	1.2566
latency_variance (ms)	0.0
pub_loop_res_min (ms)	-18008.4
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4611880000000.0
pub_loop_res_variance (ms)	2.127e+22
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 (%)	15.5041
max_ram_usage (MB)	59.29

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	PointCloud4m
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