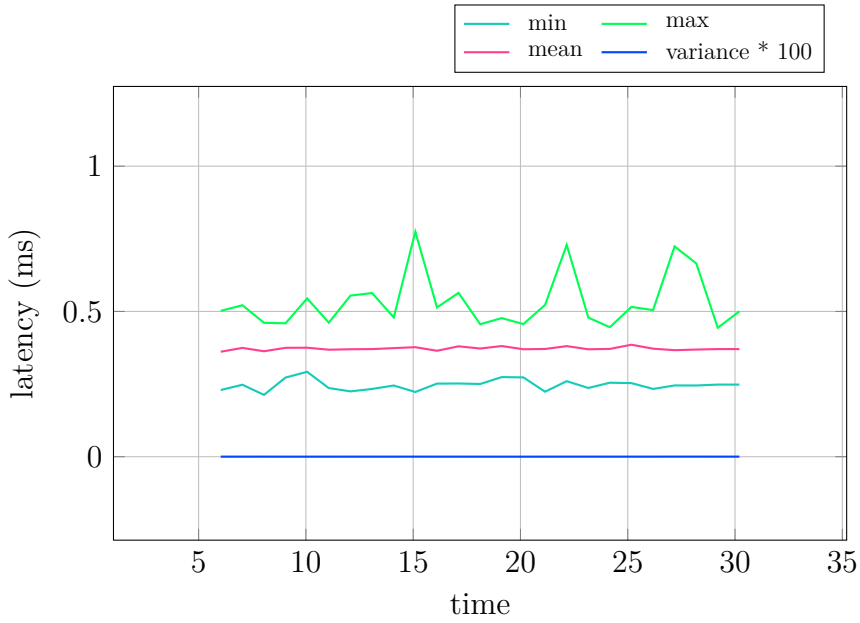
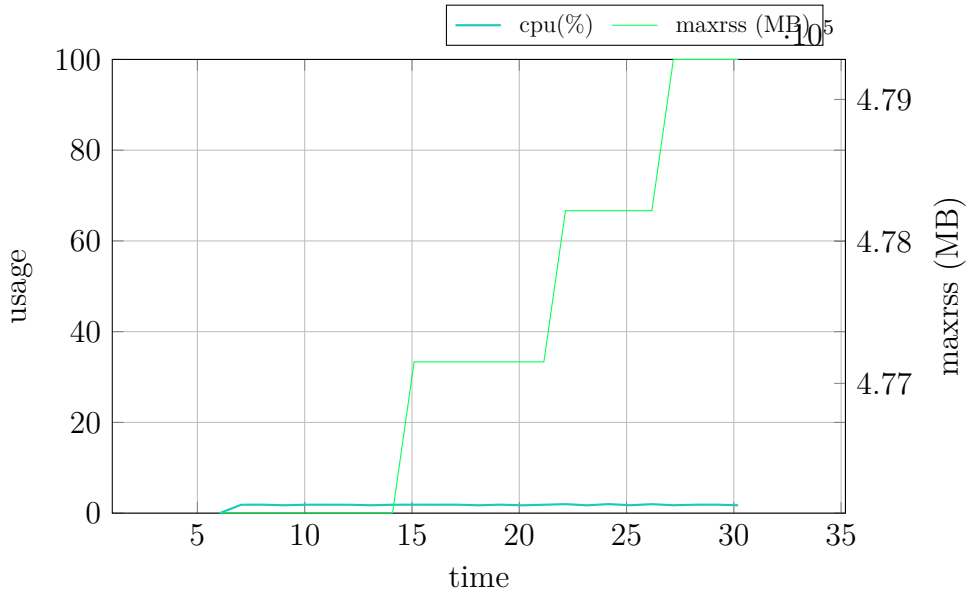
Performance fastrtps

Logfile name	53728c3e-a06b-4ab0-9a9b-663edf7f0f0f.csv
Experiment id	85a0c1ea-a5cf-4d0b-9cb7-8610f5be8f39
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	100
Topic name	PointCloud1m
Number of publishers	1
Number of subscribers	3
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0069
received	298.08
sent	99.32
lost	0.0
relative_loss	0.0
data_received	315446280.64
latency_min (ms)	0.2466
latency_max (ms)	0.5327
latency_mean (ms)	0.372
latency_variance (ms)	0.0
pub_loop_res_min (ms)	5.159
pub_loop_res_max (ms)	9.4985
pub_loop_res_mean (ms)	6.822
pub_loop_res_variance (ms)	0.0007
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 (%)	1.7625
max_ram_usage (MB)	479281.15

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	PointCloud1m
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