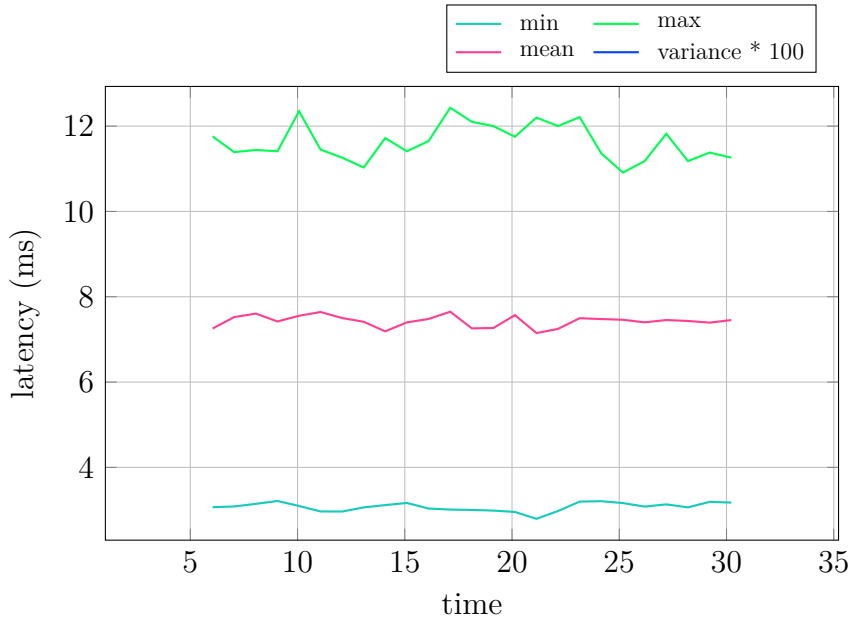
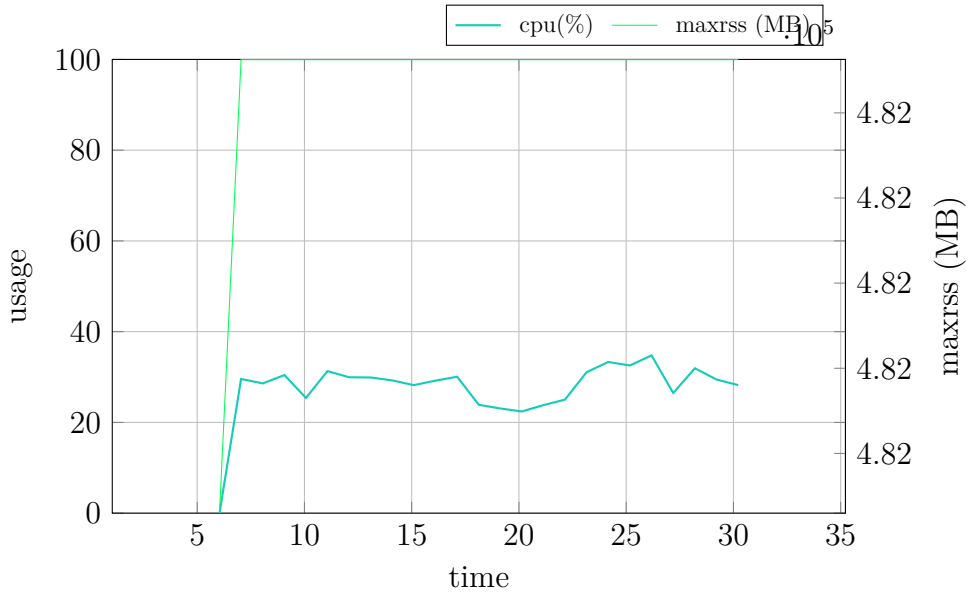
Performance fastrtps

Logfile name	32165237-d31a-4f38-a9f7-8143165562b0.csv
Experiment id	4c25ae74-d3c6-411a-919a-3b1ce38c3269
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	0
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	1.0077
received	12190.52
sent	23728.72
lost	59081.0
relative_loss	2.4764
data_received	12814378729.08
latency_min (ms)	3.074
latency_max (ms)	11.626
latency_mean (ms)	7.4273
latency_variance (ms)	0.0042
pub_loop_res_min (ms)	-18543.76
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4611840000000.0
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 (%)	27.5156
max_ram_usage (MB)	482525.18

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