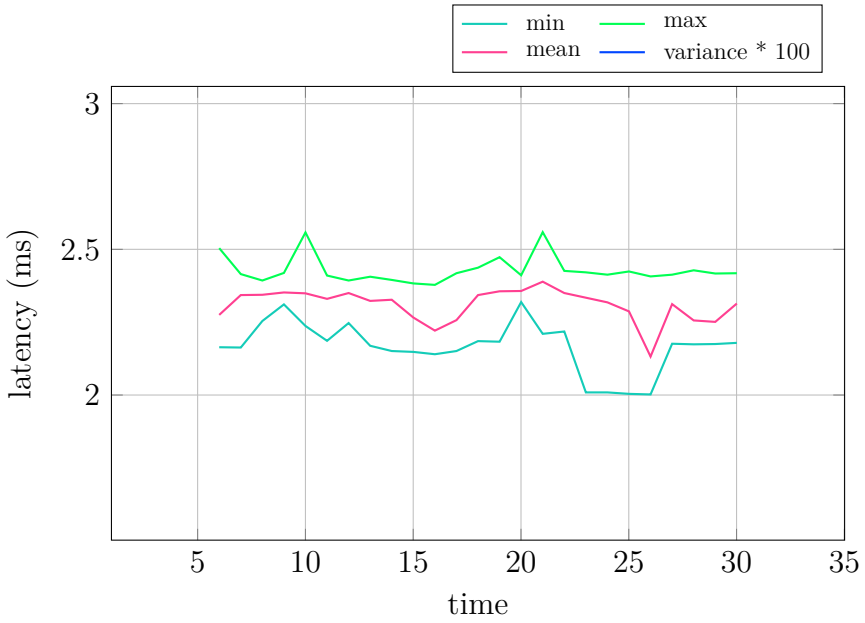
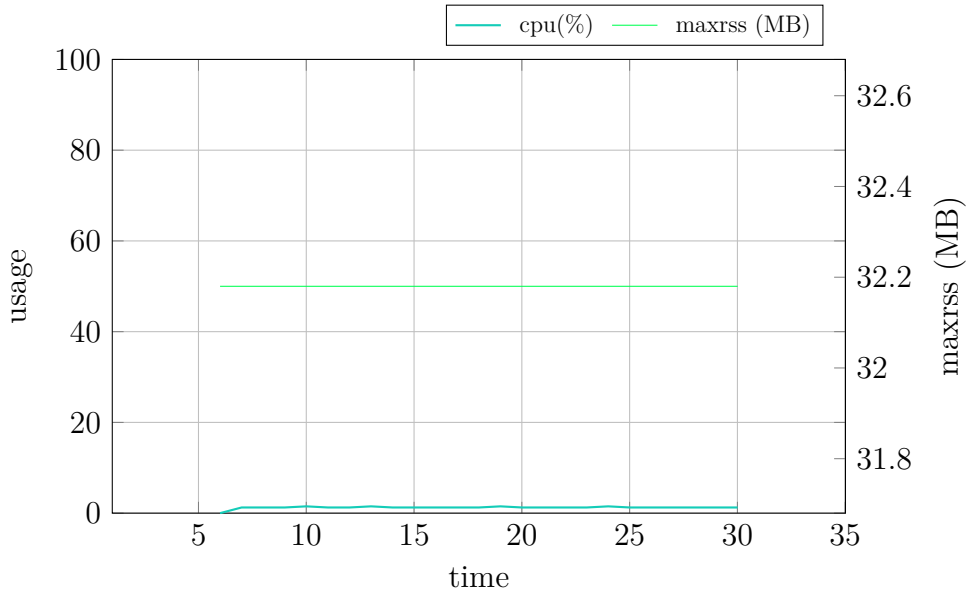
Performance fastrtps

Logfile name	501f3d94-d460-4bb1-af8b-3b305eafa23f.csv
Experiment id	0045842b-59d2-4506-b1f7-576573aed51b
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2113db4
Publishing rate	20
Topic name	PointCloud1m
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	1.0002
received	19.0
sent	19.0
lost	0.0
relative_loss	0.0
data_received	21011628.08
latency_min (ms)	2.1666
latency_max (ms)	2.4288
latency_mean (ms)	2.3094
latency_variance (ms)	0.0
pub_loop_res_min (ms)	48.7228
pub_loop_res_max (ms)	48.8708
pub_loop_res_mean (ms)	48.7964
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 (%)	1.2393
max_ram_usage (MB)	32.18

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