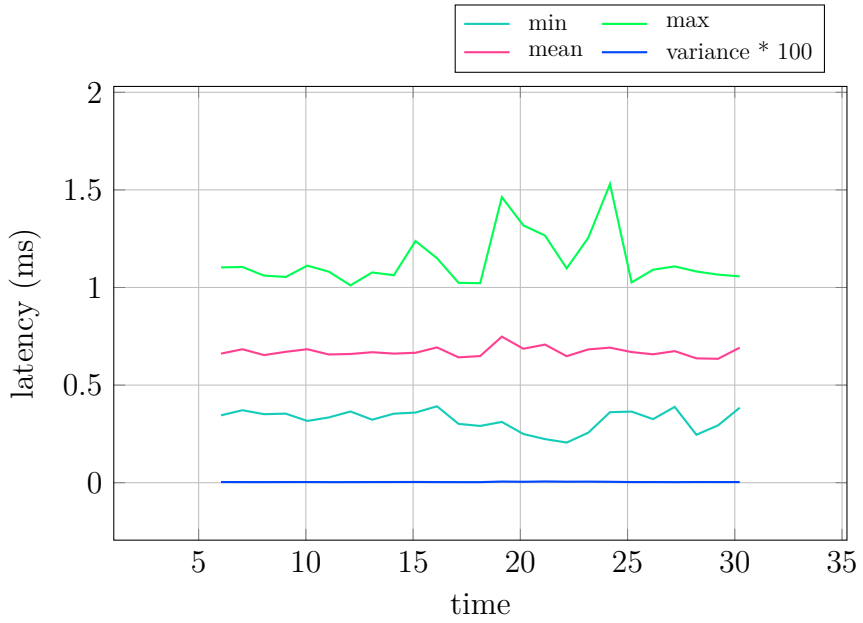
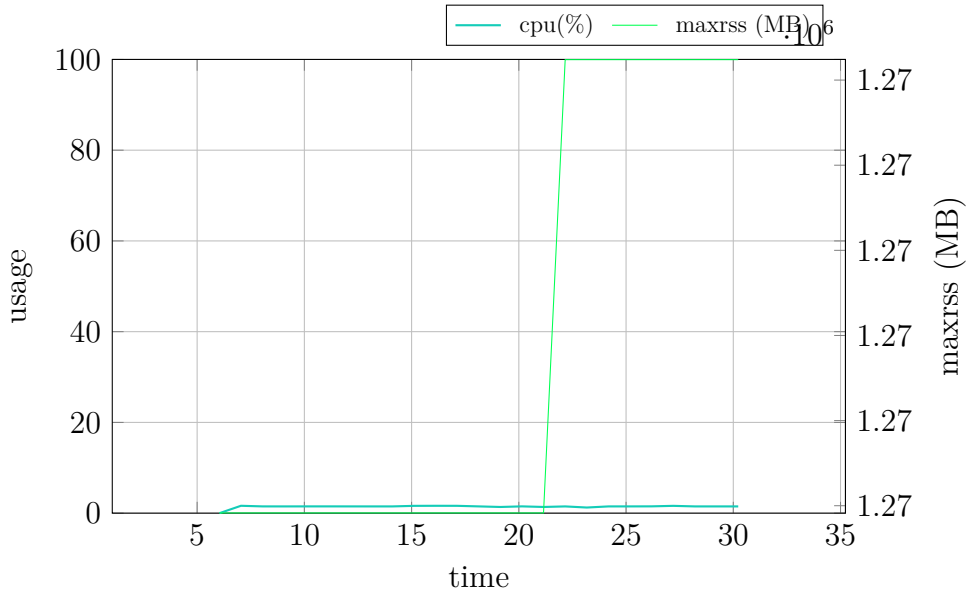
Performance fastrtps

Logfile name	f459aa48-0c12-49c7-9311-751d2a1cb5e9.csv
Experiment id	c070b3e2-bce9-41c1-a0da-4e304e785035
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	20
Topic name	PointCloud1m
Number of publishers	1
Number of subscribers	10
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0074
received	191.6
sent	19.16
lost	0.0
relative_loss	0.0
data_received	210274949.64
latency_min (ms)	0.3226
latency_max (ms)	1.1384
latency_mean (ms)	0.6711
latency_variance (ms)	0.0
pub_loop_res_min (ms)	39.7
pub_loop_res_max (ms)	49.1532
pub_loop_res_mean (ms)	42.7648
pub_loop_res_variance (ms)	0.0106
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 (%)	1.434
max_ram_usage (MB)	1270448.13

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