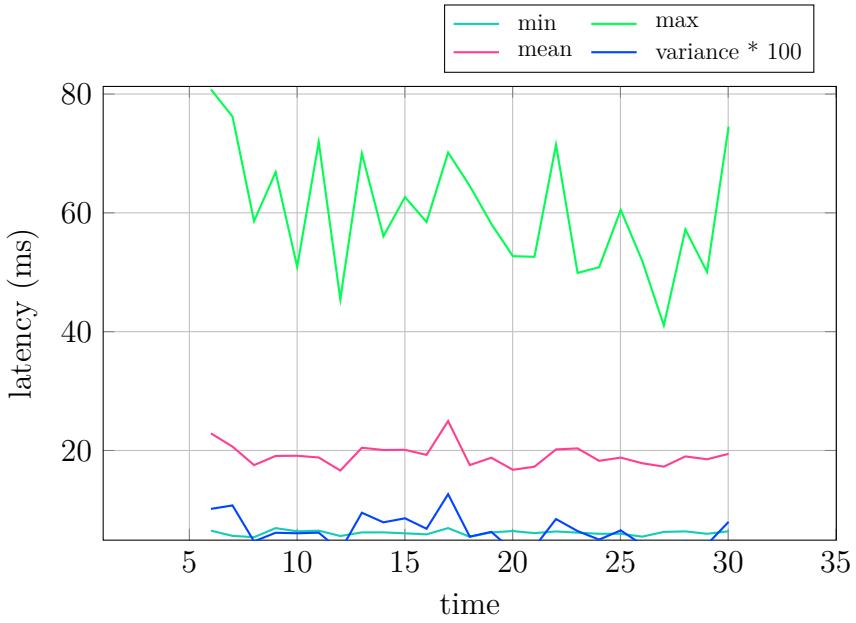
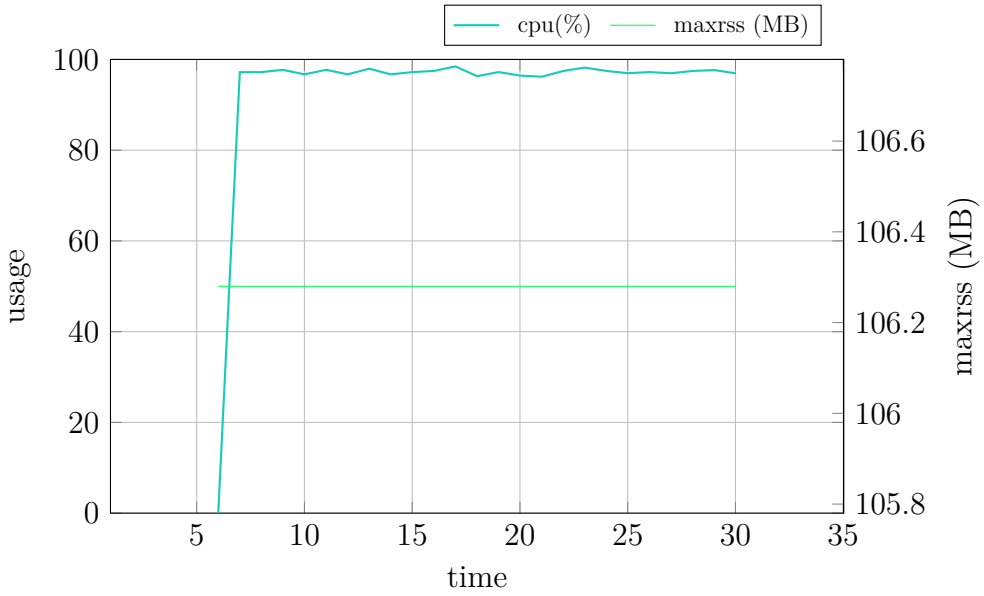
Performance fastrtps

Logfile name	b62dc75f-0b59-4f9e-9913-2d7e92f9c7e6.csv
Experiment id	d1bb1a08-73e4-4fe7-88c4-091c33296baa
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2113db4
Publishing rate	0
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	1.0001
received	1122.44
sent	112.2
lost	0.0
relative_loss	0.0
data_received	1189348360.12
latency_min (ms)	6.1405
latency_max (ms)	60.1388
latency_mean (ms)	19.1836
latency_variance (ms)	0.0646
pub_loop_res_min (ms)	-18953.0
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4611800000000.0
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 (%)	93.3396
max_ram_usage (MB)	106.28

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