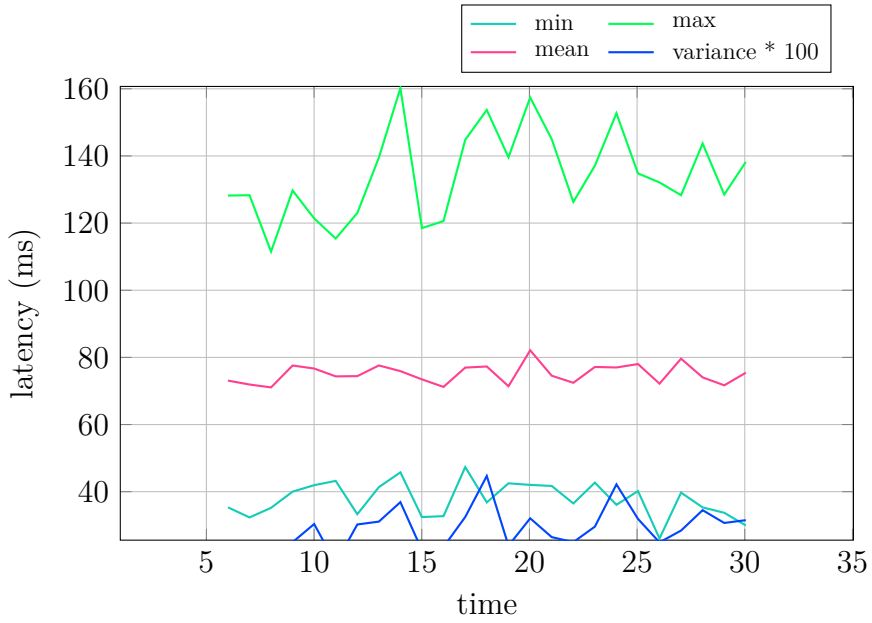
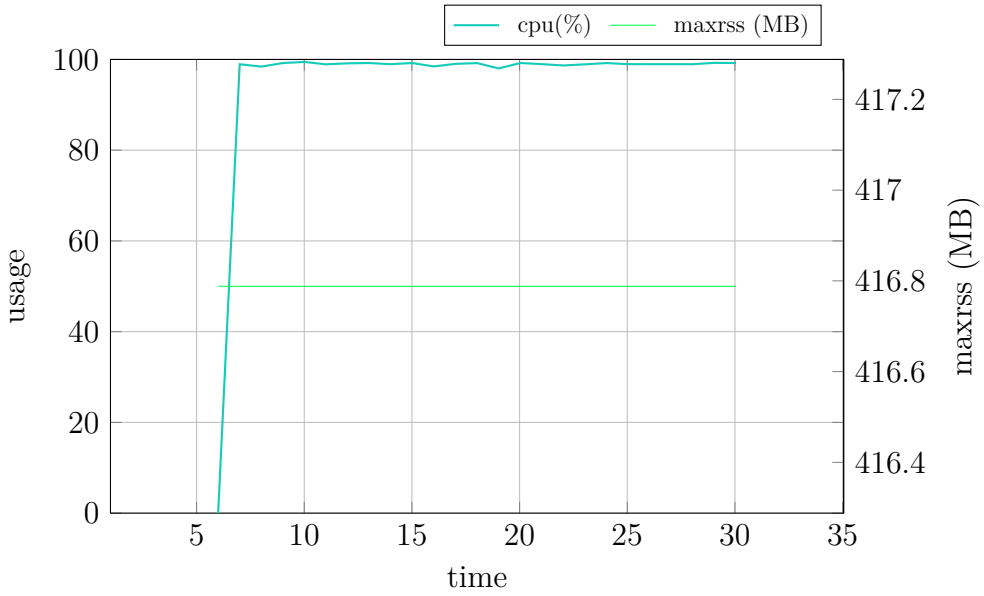
Performance fastrtps

Logfile name	ca82a691-369c-4e49-a026-b8b8dde4575c.csv
Experiment id	c4333af1-86d3-43be-b2d2-facd17482697
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2113db4
Publishing rate	0
Topic name	PointCloud4m
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	1.0012
received	271.8
sent	27.16
lost	0.0
relative_loss	0.0
data_received	1180424489.4
latency_min (ms)	37.772
latency_max (ms)	134.34
latency_mean (ms)	75.086
latency_variance (ms)	0.2908
pub_loop_res_min (ms)	-20543.0
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4618320000000.0
pub_loop_res_variance (ms)	2.1259199999999998e+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 (%)	95.0148
max_ram_usage (MB)	416.79

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	PointCloud4m
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