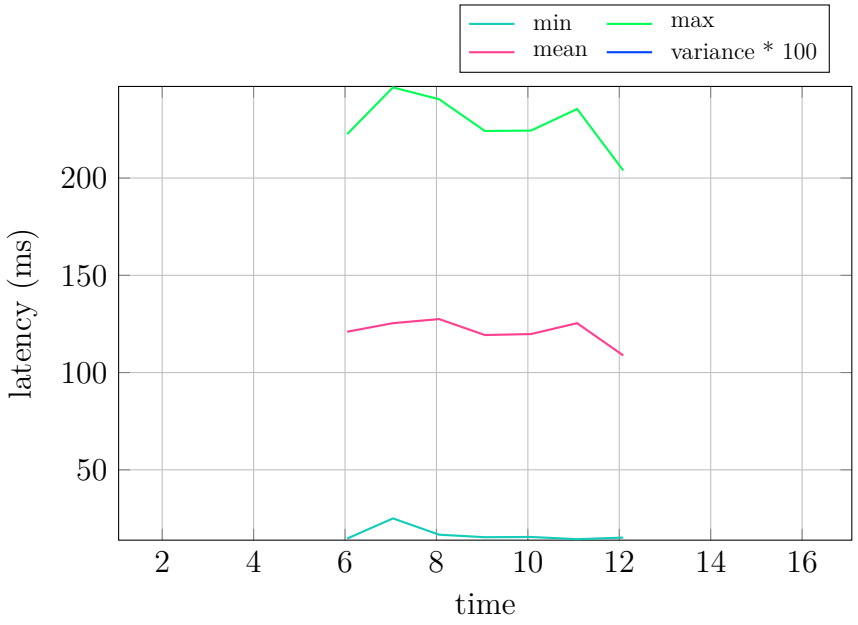
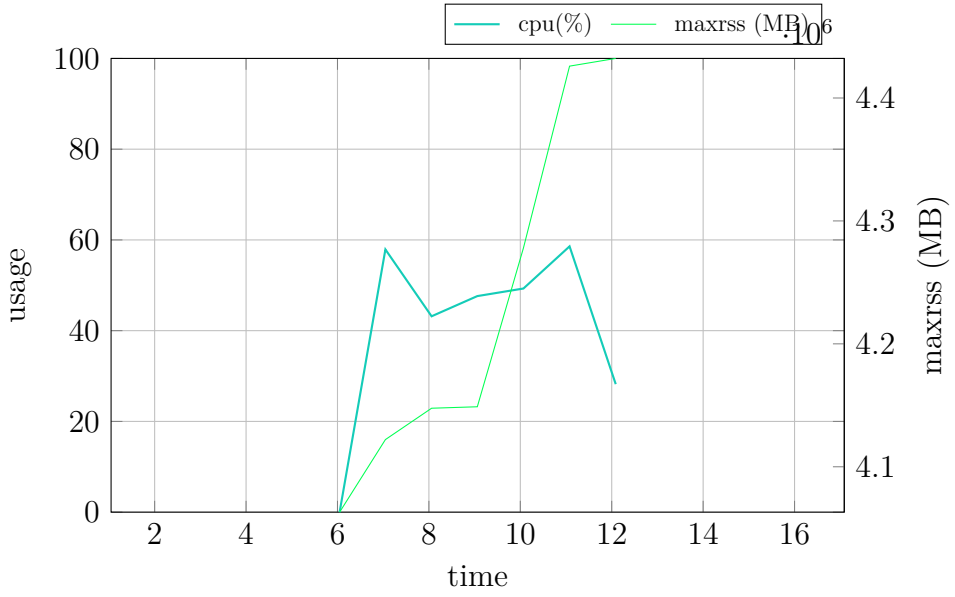
Performance fastrtps

Logfile name	6a3d54eb-bdc2-447c-ba70-6601c796919a.csv
Experiment id	d2105e8d-1a9a-41ef-a998-0d3aa6a774fc
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2fc8cc2-dirty
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	1.007
received	1940.5714
sent	3192.1429
lost	29956.0
relative_loss	9.2343
data_received	8161195886.0
latency_min (ms)	16.6743
latency_max (ms)	228.2429
latency_mean (ms)	121.0286
latency_variance (ms)	3.0724
pub_loop_res_min (ms)	-120514.2857
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4612285714285.714
pub_loop_res_variance (ms)	2.1269999999999994e+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 (%)	40.682
max_ram_usage (MB)	4432183.3

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