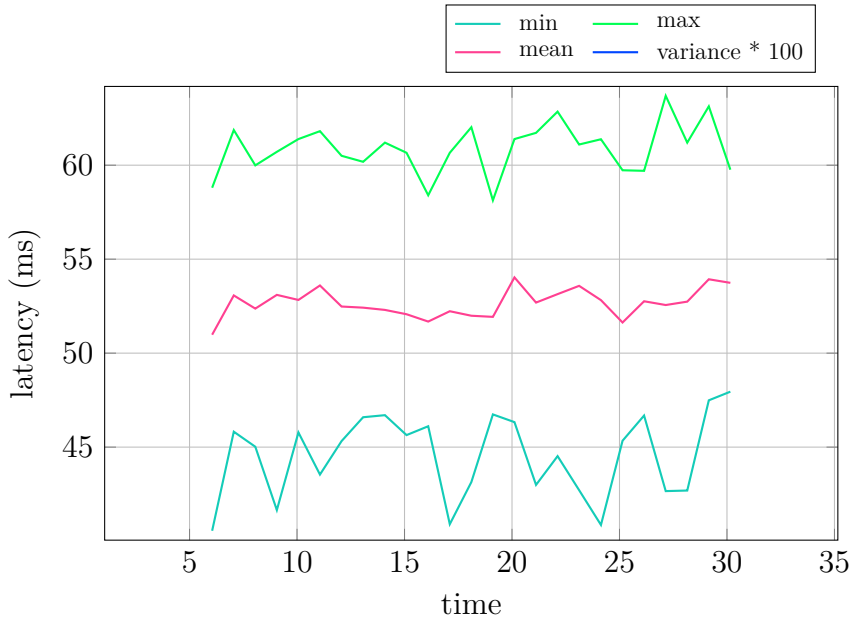
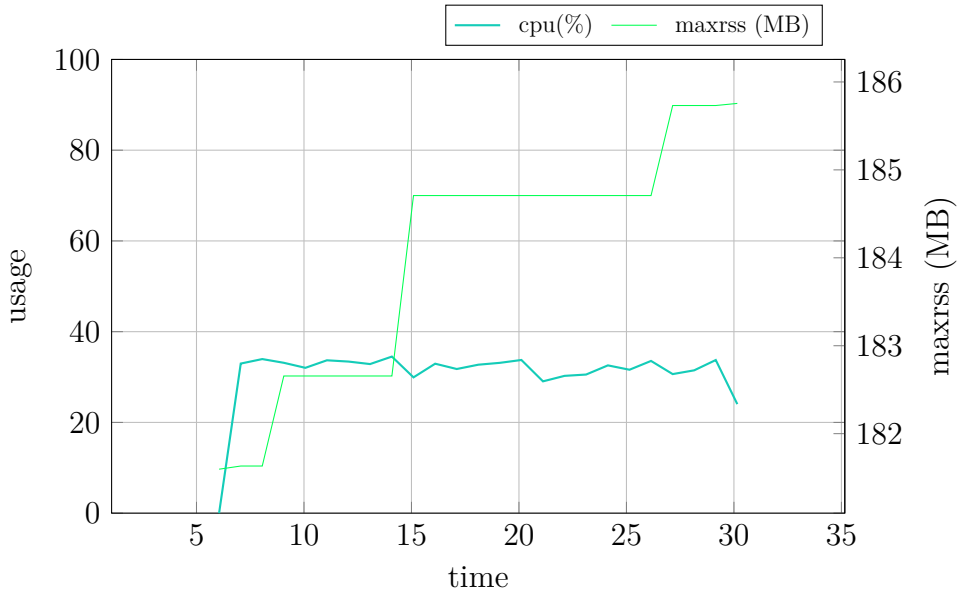
Performance fastrtps

Logfile name	08c426f7-1e15-40e8-aa9a-54390974e1fe.csv
Experiment id	2c9be9f9-6bb6-4570-adee-e78785638534
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	
Publishing rate	0
Topic name	PointCloud1m
Number of publishers	1
Number of subscribers	3
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0047
received	4774.04
sent	2003.76
lost	1092.0
relative_loss	0.5448
data_received	5019221942.68
latency_min (ms)	44.5488
latency_max (ms)	60.8788
latency_mean (ms)	52.6668
latency_variance (ms)	0.0082
pub_loop_res_min (ms)	-84202.4
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4611720000000.0
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 (%)	30.7328
max_ram_usage (MB)	185.76

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