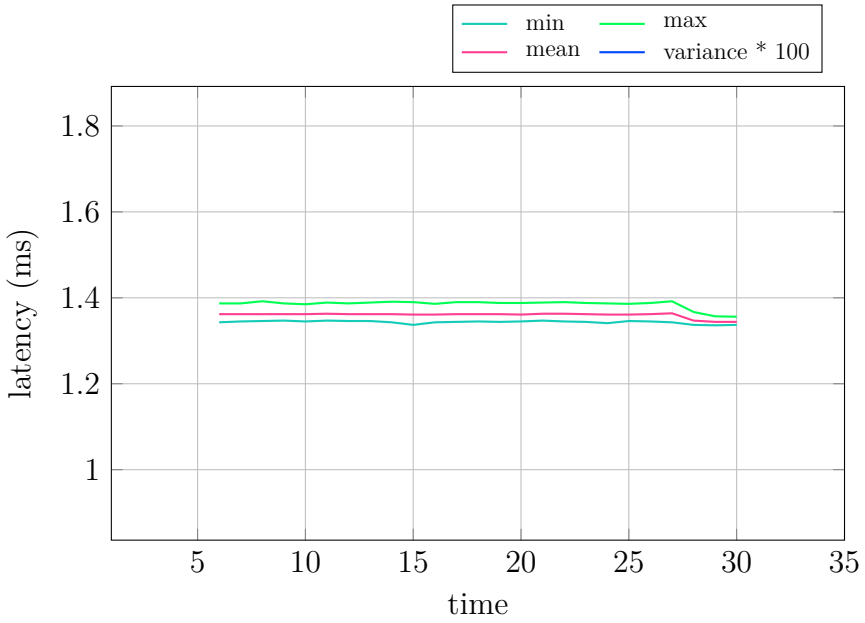
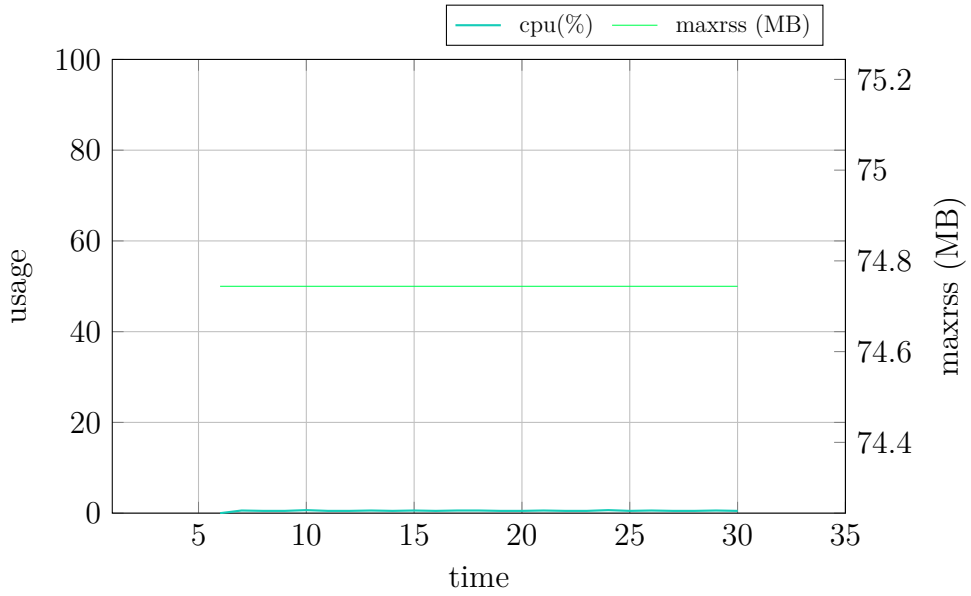
Performance fastrtps

Logfile name	ec3563fe-fa68-4a07-887c-7a3c46eb8b42.csv
Experiment id	f6f6cfa5-6c61-4752-b1af-0d110e7f2be6
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2113db4
Publishing rate	20
Topic name	PointCloud4m
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	1.0001
received	57.0
sent	19.0
lost	0.0
relative_loss	0.0
data_received	251773730.0
latency_min (ms)	1.3435
latency_max (ms)	1.385
latency_mean (ms)	1.36
latency_variance (ms)	0.0
pub_loop_res_min (ms)	49.5004
pub_loop_res_max (ms)	49.5124
pub_loop_res_mean (ms)	49.51
pub_loop_res_variance (ms)	0.0
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 (%)	0.5196
max_ram_usage (MB)	74.74

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