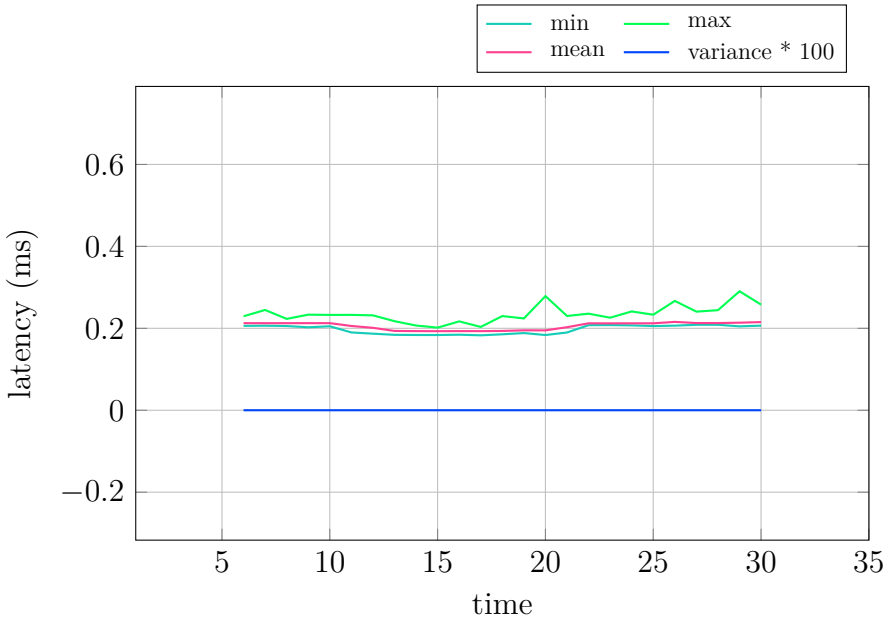
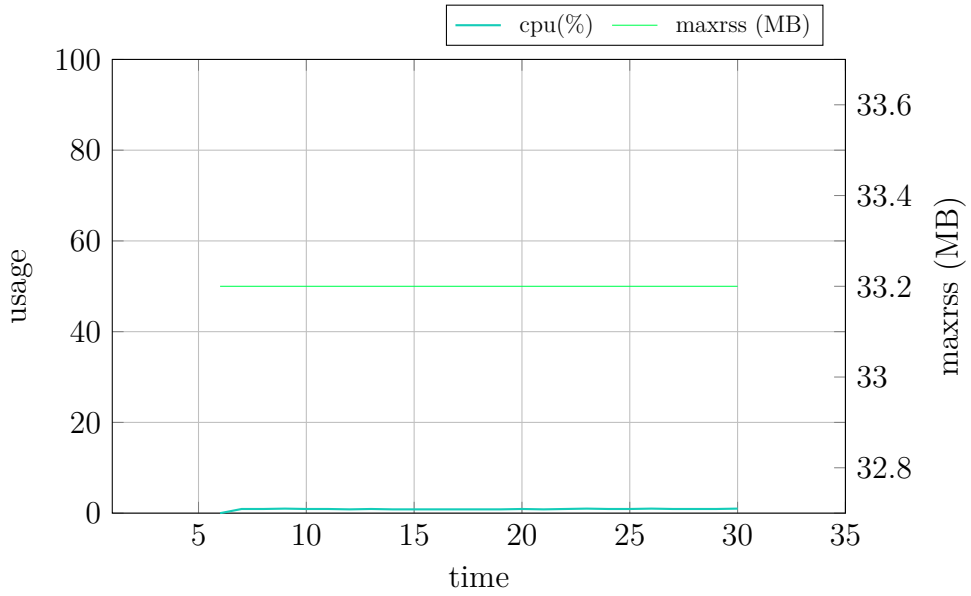
Performance fastrtps

Logfile name	60d816e4-13a6-470d-ae47-7010a7540103.csv
Experiment id	174a2ed7-b6de-440a-80fa-52e8413e6f76
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2113db4
Publishing rate	500
Topic name	PointCloud1m
Number of publishers	1
Number of subscribers	1
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0001
received	499.04
sent	499.04
lost	0.0
relative_loss	0.0
data_received	525503126.2
latency_min (ms)	0.1973
latency_max (ms)	0.2349
latency_mean (ms)	0.2056
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.8235
pub_loop_res_max (ms)	1.8438
pub_loop_res_mean (ms)	1.838
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 (%)	0.8663
max_ram_usage (MB)	33.2

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