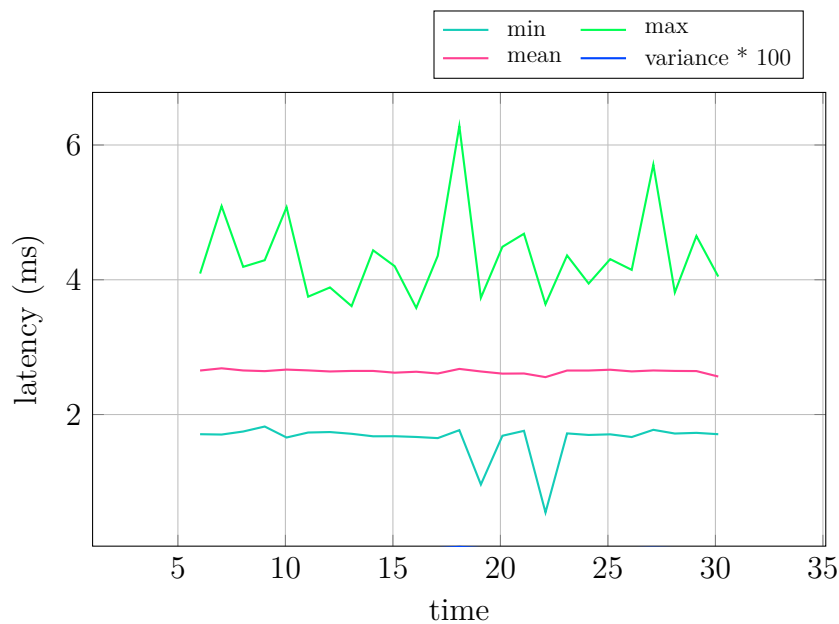
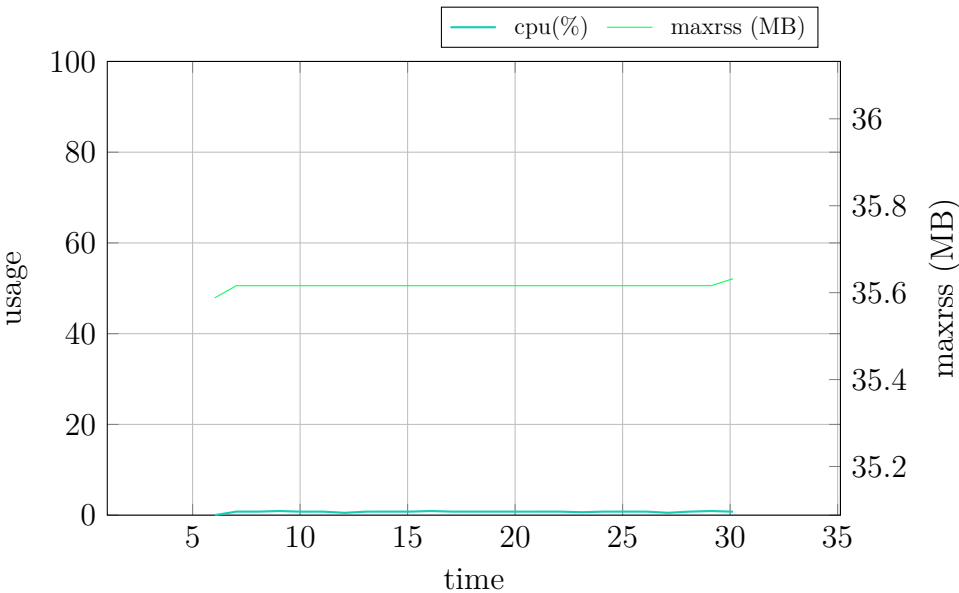


Performance fastrtps

Logfile name	c6cc1f16-e161-4def-b122-02f7bbcd3d15.csv
Experiment id	78c8b437-d84d-447d-a3ba-6953af84234c
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	
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	1.004
received	499.48
sent	499.52
lost	0.0
relative_loss	0.0
data_received	525496022.48
latency_min (ms)	1.6374
latency_max (ms)	4.3344
latency_mean (ms)	2.6386
latency_variance (ms)	0.0002
pub_loop_res_min (ms)	-12.0352
pub_loop_res_max (ms)	1.662
pub_loop_res_mean (ms)	-4.8738
pub_loop_res_variance (ms)	0.0139
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 (%)	0.7367
max_ram_usage (MB)	35.63

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