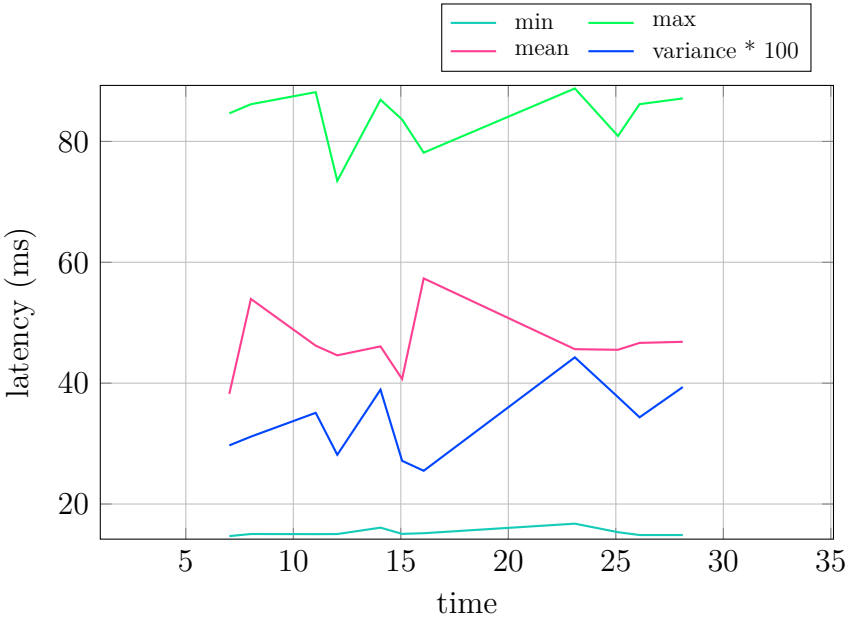
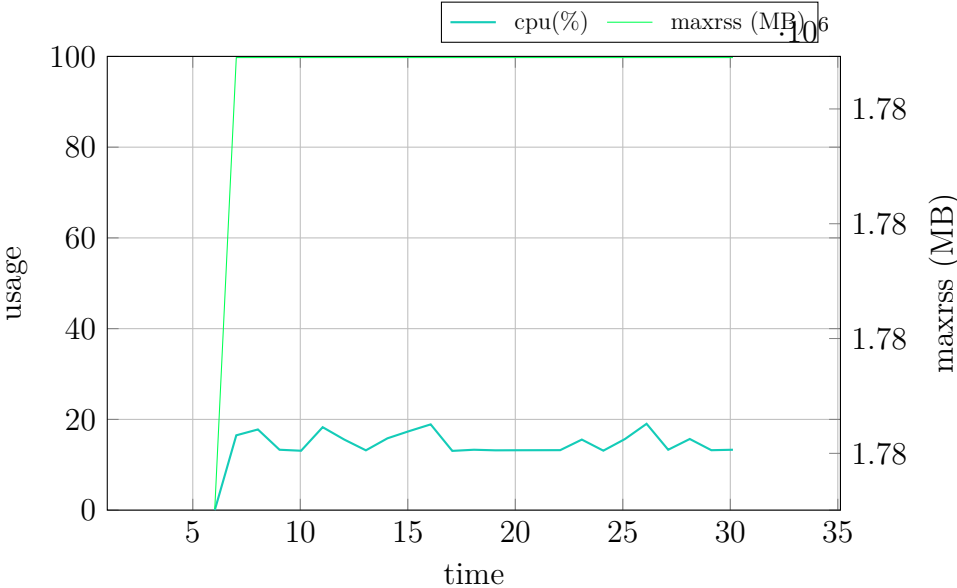


# Performance fastrtps

Logfile name	eb456ae1-e98c-42d2-894e-e7c7e9194fb1.csv
Experiment id	bce563de-fb41-4318-b6cd-e6078ed50a56
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	3
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

## average results

Experiment Status	success
T_loop	1.004
received	198.24
sent	6625.96
lost	31887.76
relative_loss	5.0528
data_received	835307663.72
latency_min (ms)	inf
latency_max (ms)	-inf
latency_mean (ms)	46.5173
latency_variance (ms)	0.3376
pub_loop_res_min (ms)	-47705.6
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4611760000000.0
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 (%)	14.3148
max_ram_usage (MB)	1779122.18

## 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