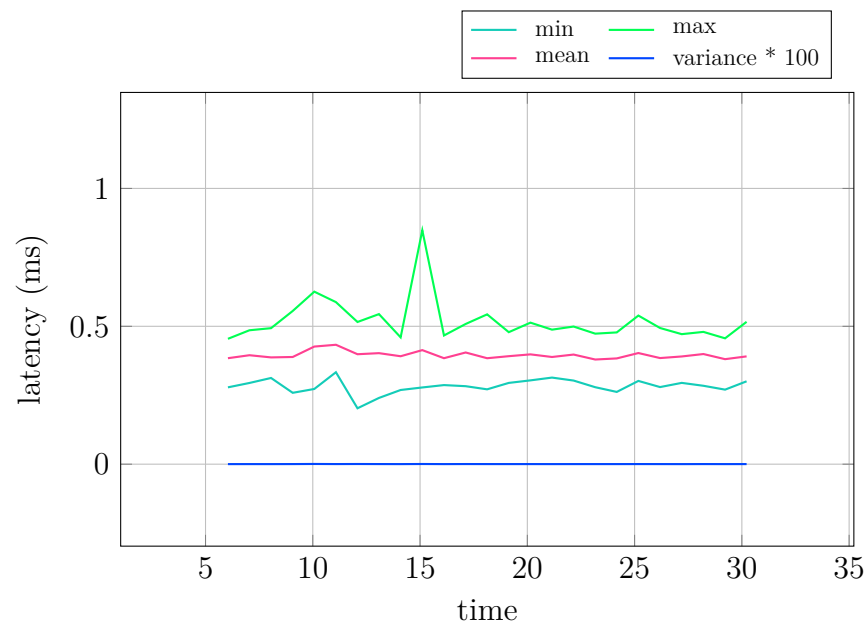
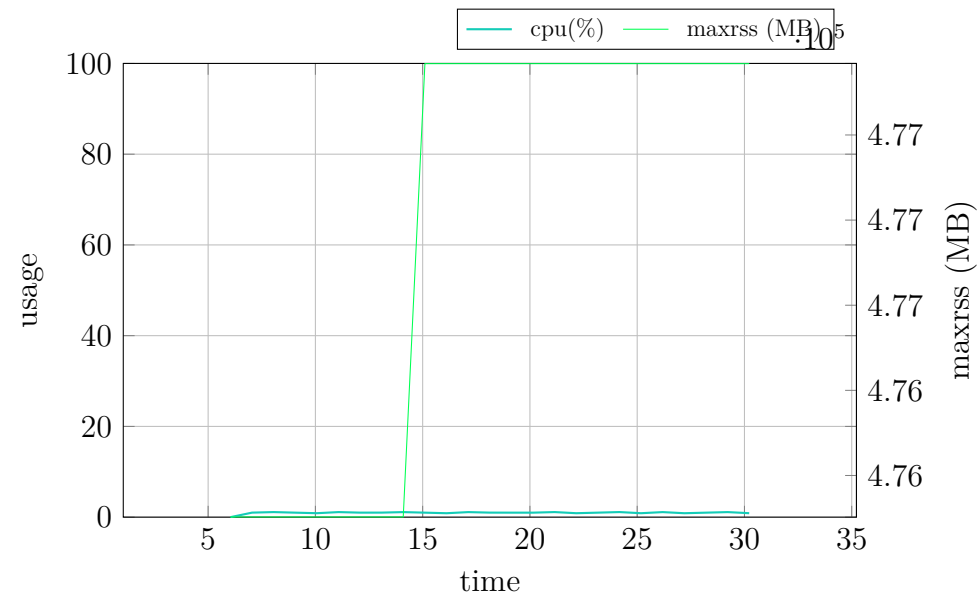


# Performance fastrtps

Logfile name	f688173f-7846-421e-a17d-8baae389b32f.csv
Experiment id	160aeea4-105a-4b45-ba2e-e374f3ebcfab
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	20
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	1.0071
received	57.36
sent	19.12
lost	0.0
relative_loss	0.0
data_received	62978117.96
latency_min (ms)	0.2828
latency_max (ms)	0.519
latency_mean (ms)	0.3953
latency_variance (ms)	0.0
pub_loop_res_min (ms)	39.678
pub_loop_res_max (ms)	49.112
pub_loop_res_mean (ms)	42.542
pub_loop_res_variance (ms)	0.0099
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 (%)	0.9629
max_ram_usage (MB)	477167.62

## 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