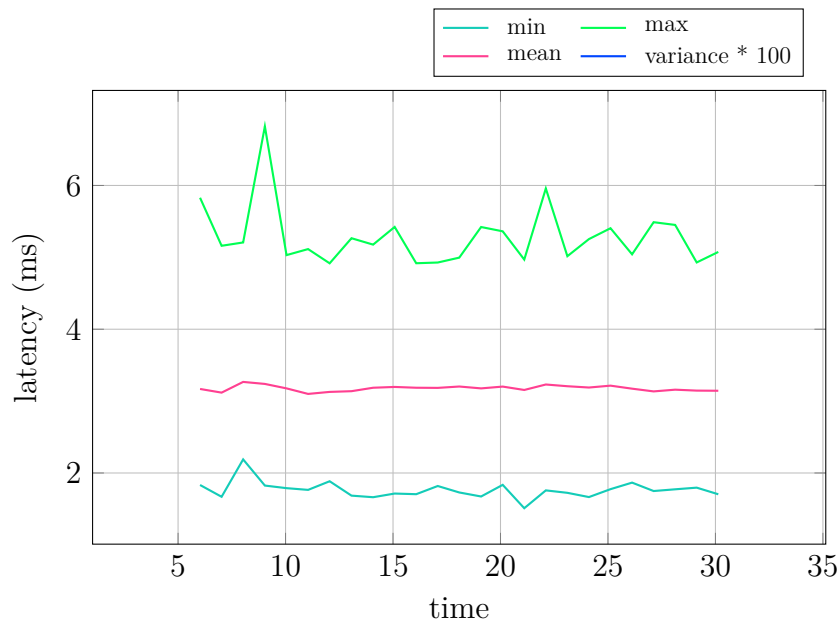
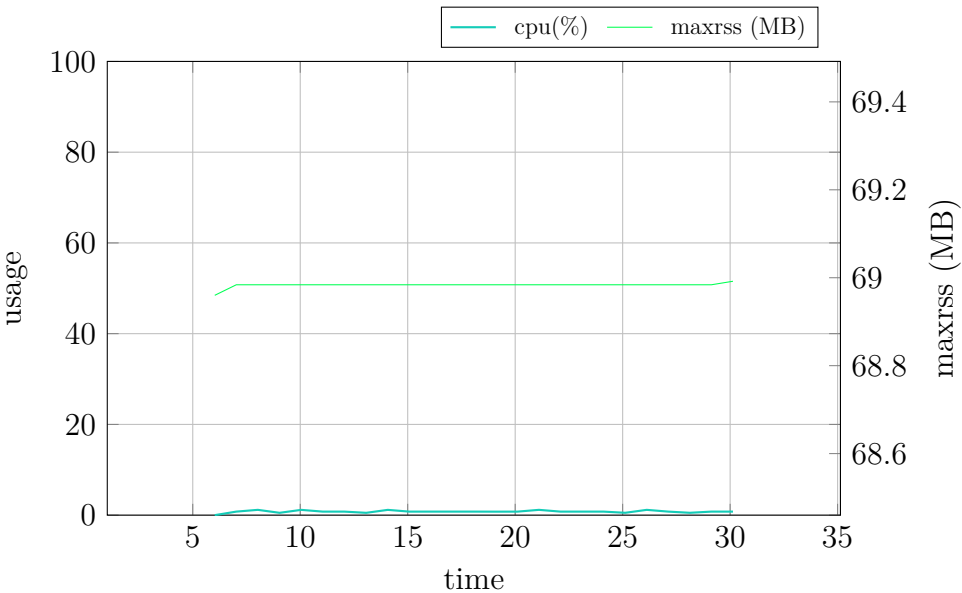


# Performance fastrtps

Logfile name	fe6776e84-8660-4650-bf39-acec1a26e2da.csv
Experiment id	029b80ac-0a47-4bbd-98db-f91b8bdd9c8b
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	
Publishing rate	100
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	1.0044
received	297.96
sent	99.32
lost	0.0
relative_loss	0.0
data_received	1258922791.24
latency_min (ms)	1.7639
latency_max (ms)	5.2865
latency_mean (ms)	3.177
latency_variance (ms)	0.0011
pub_loop_res_min (ms)	-6.1455
pub_loop_res_max (ms)	9.554
pub_loop_res_mean (ms)	1.9886
pub_loop_res_variance (ms)	0.0196
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 (%)	0.783
max_ram_usage (MB)	68.99

## 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