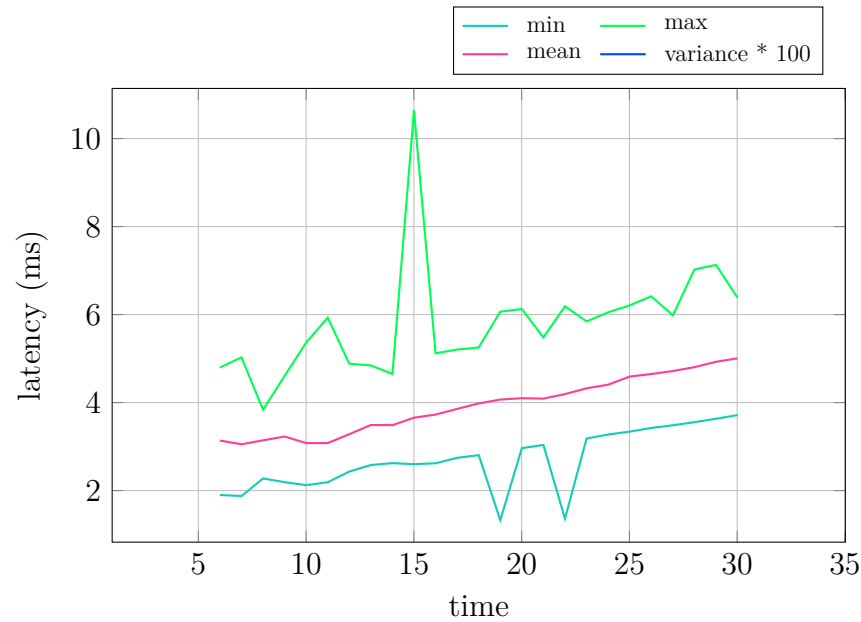
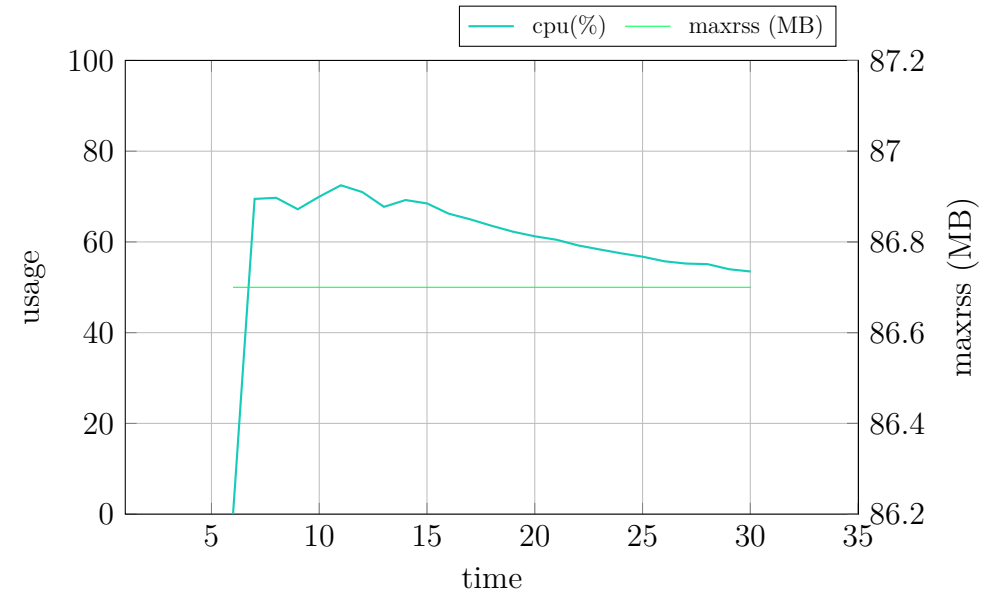


# Performance fastrtps

Logfile name	7bd6a417-ff28-436d-a055-77be952b9ae6.csv
Experiment id	6ceab8b9-6f1c-4a3f-a325-e9504863e365
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	2113db4
Publishing rate	0
Topic name	Struct32k
Number of publishers	1
Number of subscribers	10
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

## average results

Experiment Status	success
T_loop	1.0001
received	4113.0
sent	411.28
lost	0.0
relative_loss	0.0
data_received	279122367.92
latency_min (ms)	2.6905
latency_max (ms)	5.8026
latency_mean (ms)	3.9231
latency_variance (ms)	0.0004
pub_loop_res_min (ms)	-18471.04
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4612320000000.0
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 (%)	60.3708
max_ram_usage (MB)	86.7

## environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Struct32k
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