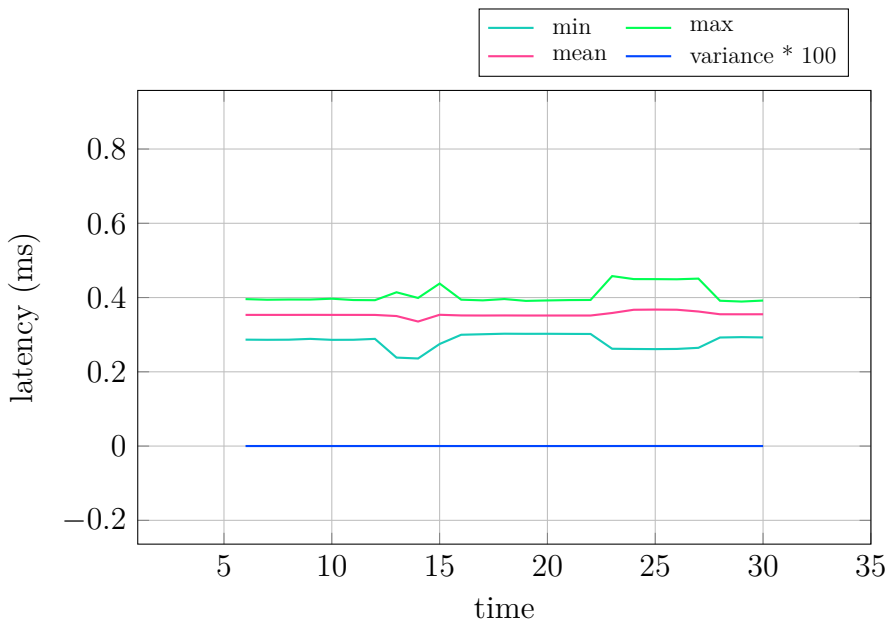
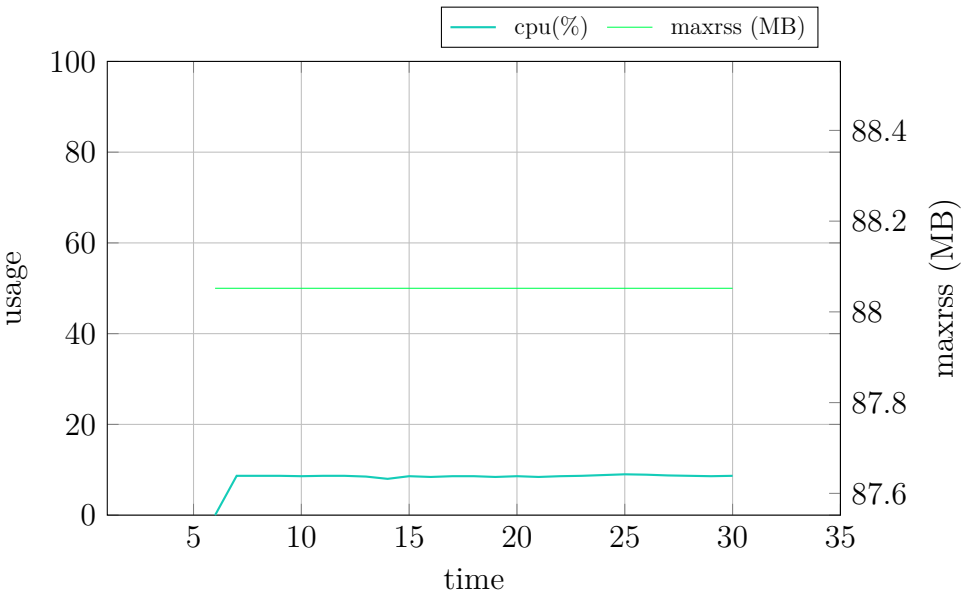


# Performance fastrtps

Logfile name	2228e737-cc84-4390-a3ac-11c4724537c5.csv
Experiment id	5df68f0b-aa7c-4116-809b-f51ae05ce61c
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	2113db4
Publishing rate	500
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	4990.4
sent	499.04
lost	0.0
relative_loss	0.0
data_received	338636001.0
latency_min (ms)	0.2824
latency_max (ms)	0.4078
latency_mean (ms)	0.3545
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.7804
pub_loop_res_max (ms)	1.7981
pub_loop_res_mean (ms)	1.7933
pub_loop_res_variance (ms)	0.0
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 (%)	8.2657
max_ram_usage (MB)	88.05

## 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