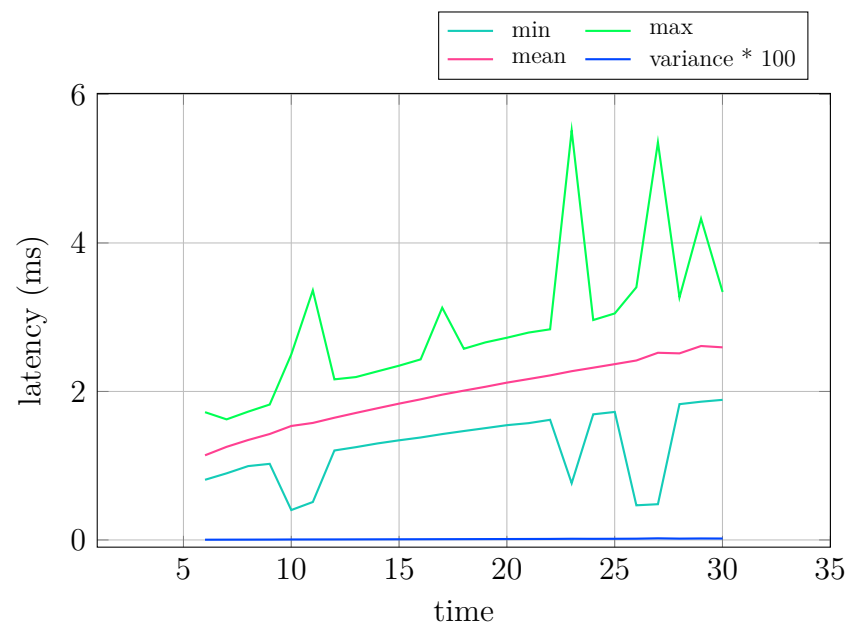
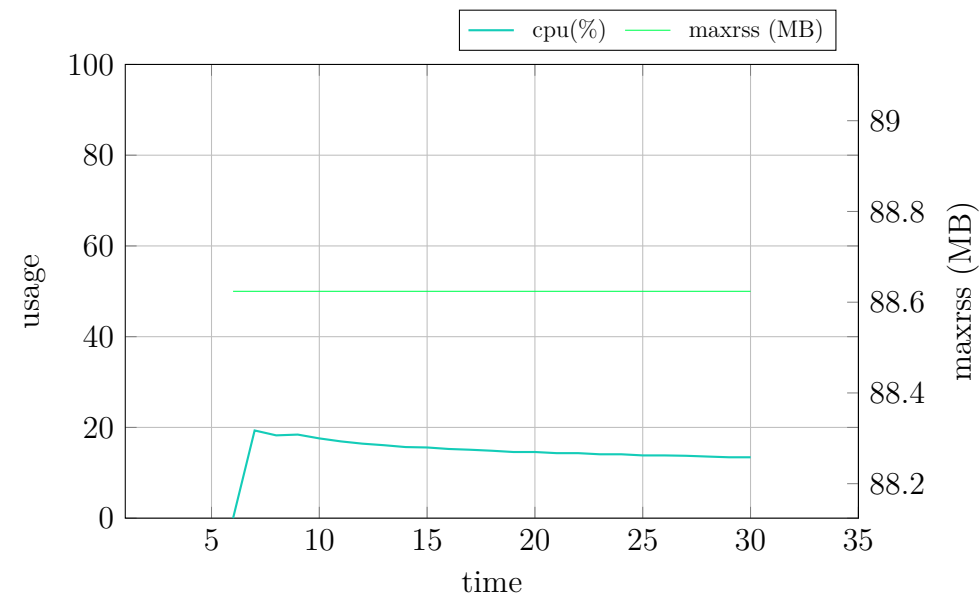


# Performance fastrtps

Logfile name	da217cc3-8ead-435d-9482-5156ae8d3ca2.csv
Experiment id	e3dcb2b1-5fb3-4233-b4b1-0678bea49307
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	8416.08
sent	841.64
lost	0.0
relative_loss	0.0
data_received	570635943.6
latency_min (ms)	1.2384
latency_max (ms)	2.884
latency_mean (ms)	1.9716
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	-18069.8
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4611640000000.0
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 (%)	14.6897
max_ram_usage (MB)	88.62

## 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