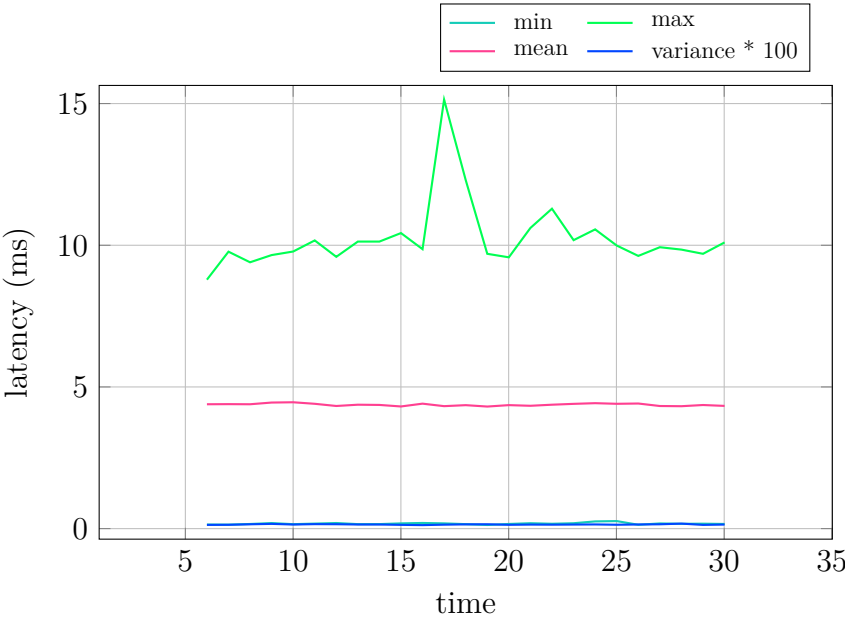
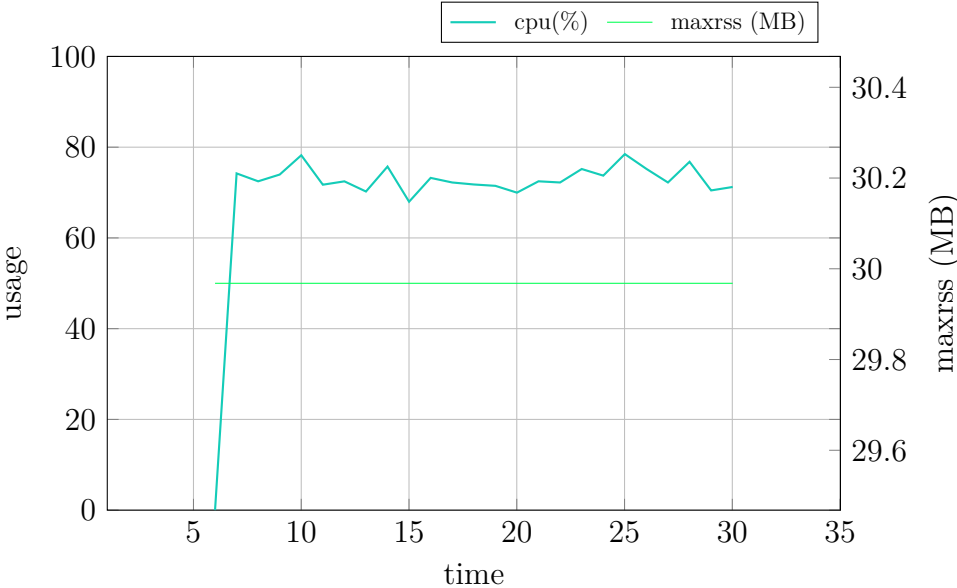


# Performance fastrtps

Logfile name	3c12be06-bf79-4ba0-b26b-c2b6dcc9ba34.csv
Experiment id	5b8548a5-8a45-4b63-9bf2-540667e1664d
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2113db4
Publishing rate	0
Topic name	Array16k
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	1.0001
received	43928.12
sent	21947.92
lost	21909.64
relative_loss	0.9956
data_received	720445915.52
latency_min (ms)	0.1765
latency_max (ms)	10.2498
latency_mean (ms)	4.3726
latency_variance (ms)	0.0015
pub_loop_res_min (ms)	-18086.0
pub_loop_res_max (ms)	922300000000.0
pub_loop_res_mean (ms)	461176000000.0
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 (%)	70.1496
max_ram_usage (MB)	29.97

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Array16k
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