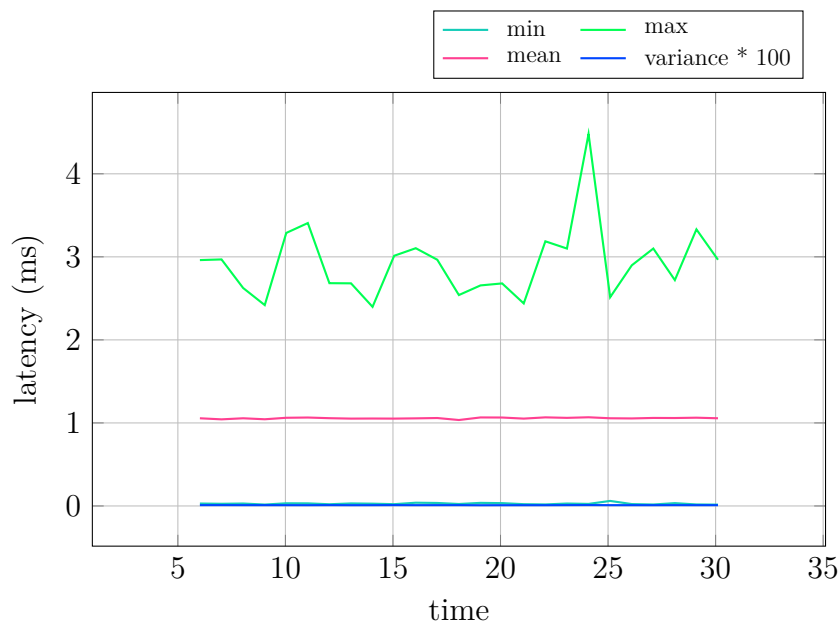
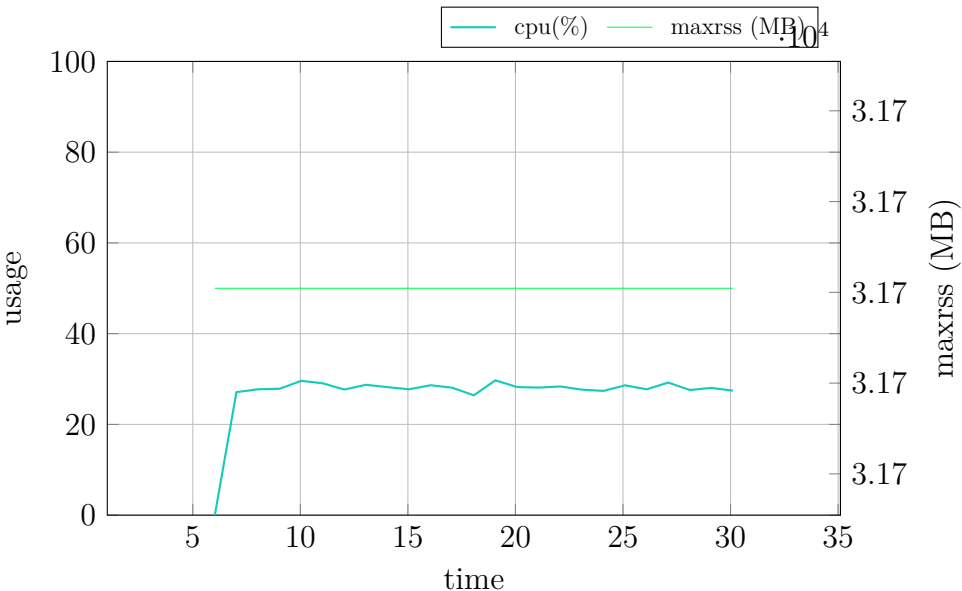


# Performance fastrtps

Logfile name	db382702-9033-4ea9-9805-72cee122f8ff.csv
Experiment id	607f6f7d-f773-45a6-bab2-b48534aa88f6
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	2fc8cc2-dirty
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	1.0036
received	107434.68
sent	240618.12
lost	614815.16
relative_loss	2.5536
data_received	1761955050.84
latency_min (ms)	0.0279
latency_max (ms)	2.9249
latency_mean (ms)	1.0566
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	-18087.32
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4612000000000.0
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 (%)	26.9976
max_ram_usage (MB)	31735.81

## 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