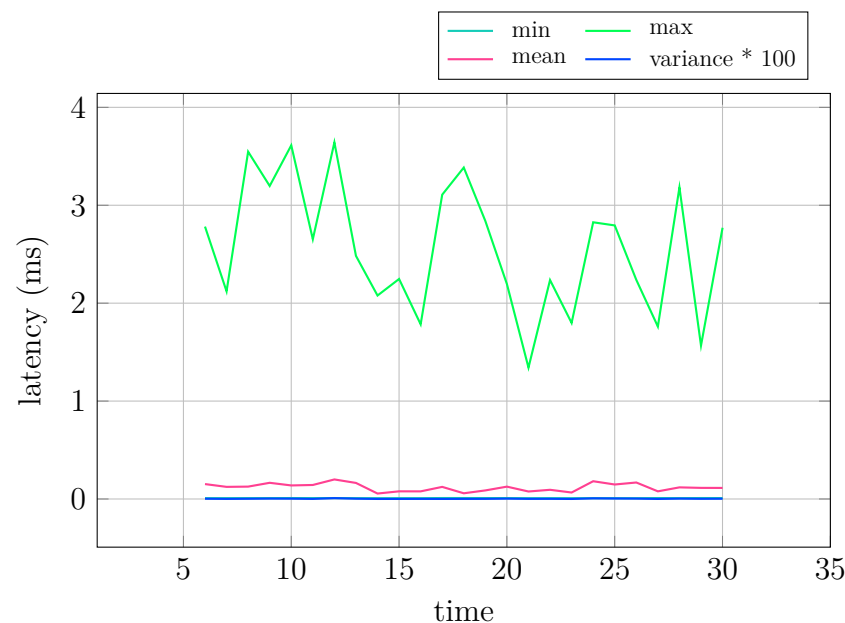
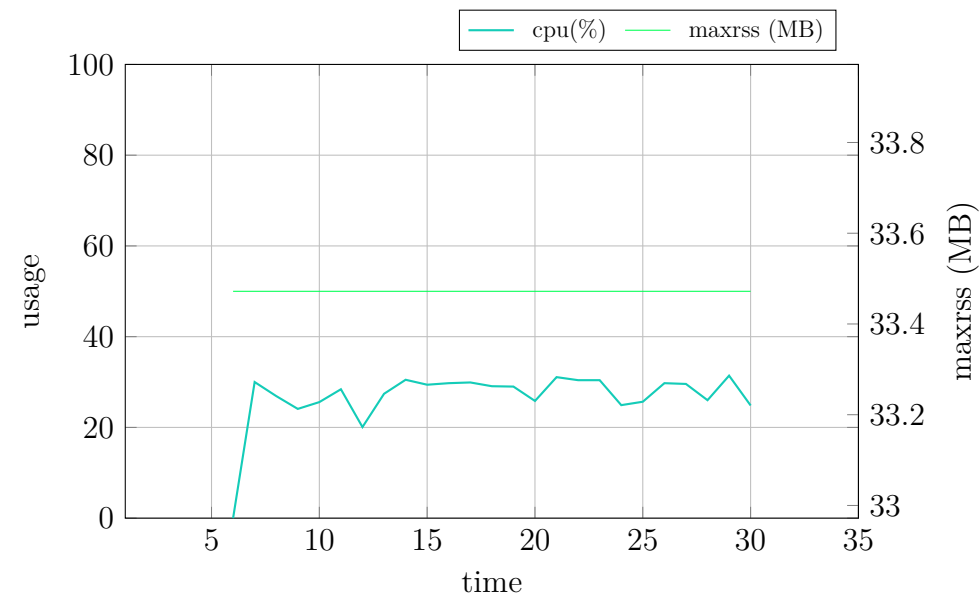


# Performance fastrtps

Logfile name	b99a0f2b-b9fa-4225-bff2-880a62f74078.csv
Experiment id	ba24aa40-c629-49d7-b7e2-91750302da12
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	527778.96
sent	225170.44
lost	147739.36
relative_loss	0.6576
data_received	8655597950.8
latency_min (ms)	0.0089
latency_max (ms)	2.5675
latency_mean (ms)	0.1191
latency_variance (ms)	0.0
pub_loop_res_min (ms)	-18079.2
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 (%)	26.7993
max_ram_usage (MB)	33.47

## 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