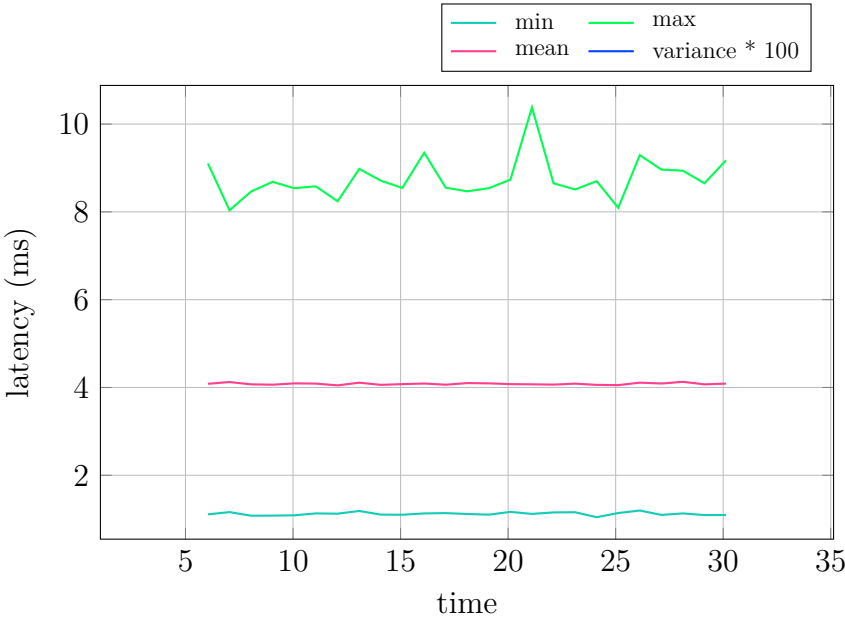
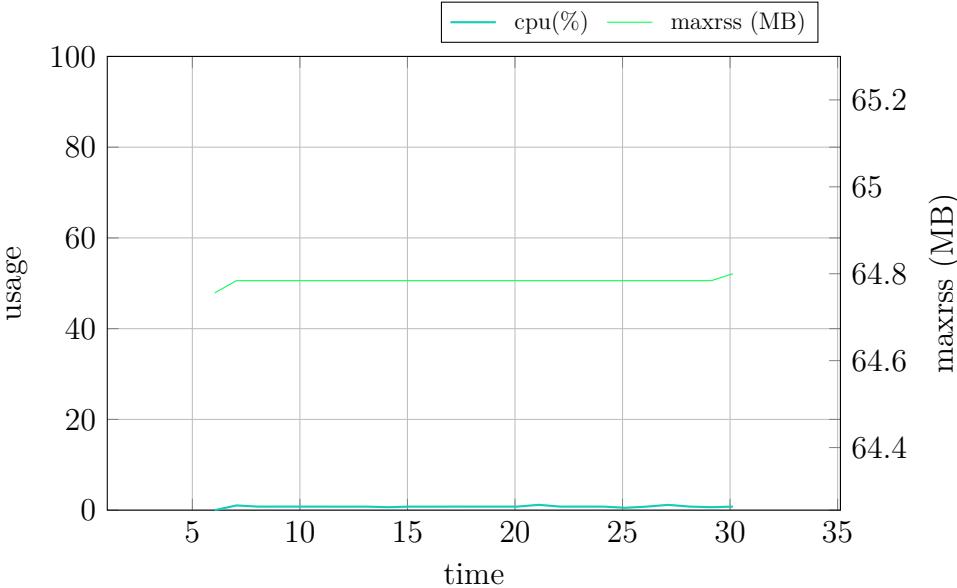


# Performance fastrtps

Logfile name	2a24bbd5-eddf-4f46-8014-270f0bb8802c.csv
Experiment id	b5d71418-4222-47ab-86dd-f30bc42e22e0
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	
Publishing rate	500
Topic name	Array2m
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	1.0041
received	1498.44
sent	499.44
lost	0.0
relative_loss	0.0
data_received	3145934137.6
latency_min (ms)	1.1221
latency_max (ms)	8.7552
latency_mean (ms)	4.0825
latency_variance (ms)	0.0033
pub_loop_res_min (ms)	-14.0472
pub_loop_res_max (ms)	1.8892
pub_loop_res_mean (ms)	-5.6144
pub_loop_res_variance (ms)	0.0188
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 (%)	0.768
max_ram_usage (MB)	64.8

## environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Array2m
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