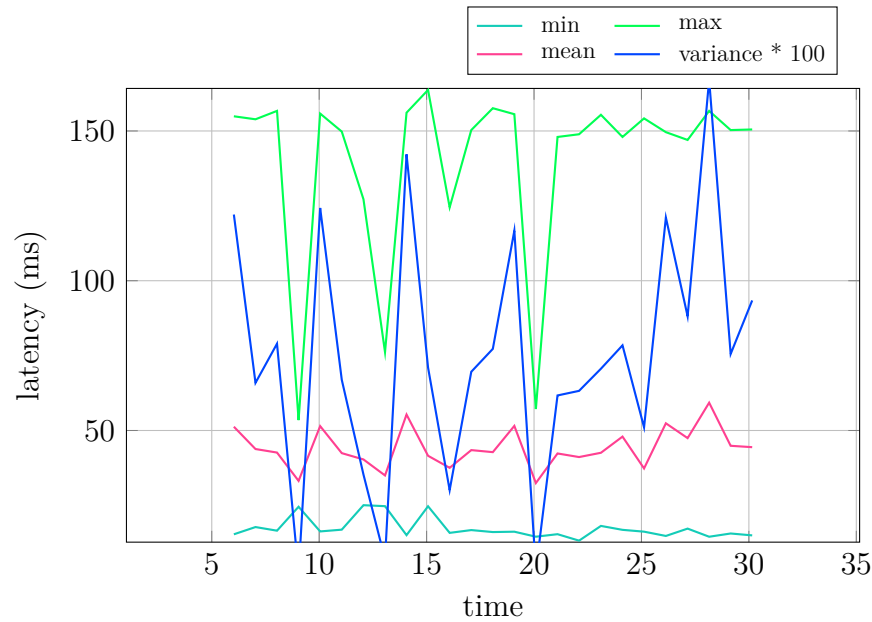
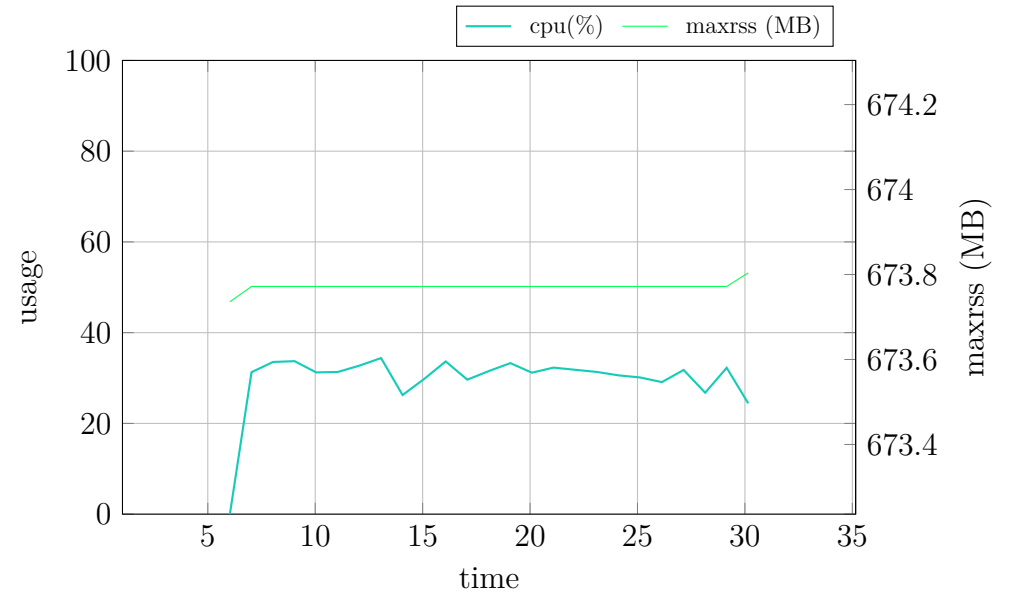


# Performance fastrtps

Logfile name	131c92a8-6c64-4603-80c6-ada1882e4777.csv
Experiment id	68130b75-494a-4c9b-9427-85173badfaa4
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version  
Publishing rate  
Topic name  
Number of publishers  
Number of subscribers  
Maximum runtime (sec)  
DDS domain id  
Single participant

0  
Array2m  
1  
3  
30  
0  
-

## average results

Experiment Status	success
T_loop	1.0049
received	1760.04
sent	3749.4
lost	9484.56
relative_loss	2.5208
data_received	3693991087.44
latency_min (ms)	17.3312
latency_max (ms)	140.0596
latency_mean (ms)	44.1788
latency_variance (ms)	0.7534
pub_loop_res_min (ms)	-84022.8
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4611840000000.0
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 (%)	29.7648
max_ram_usage (MB)	673.8

## 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