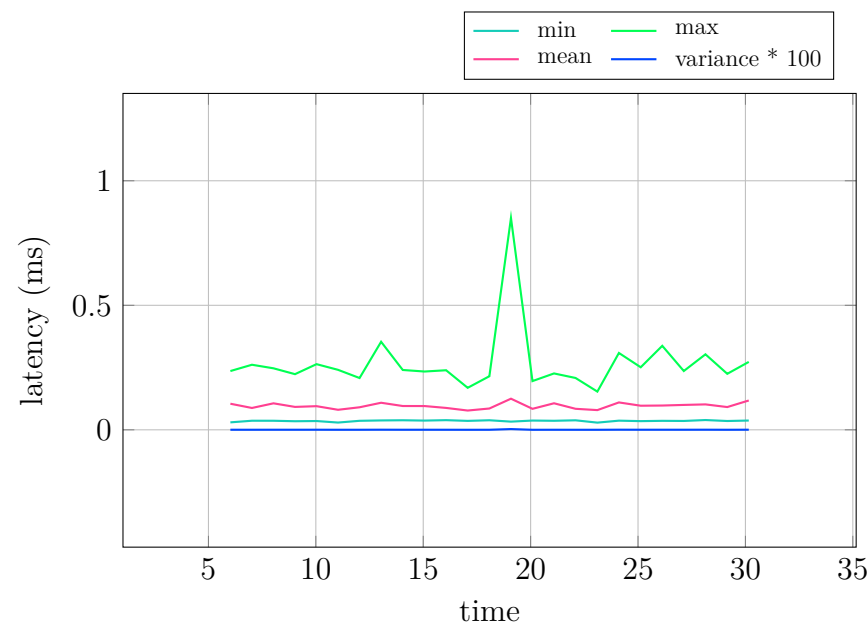
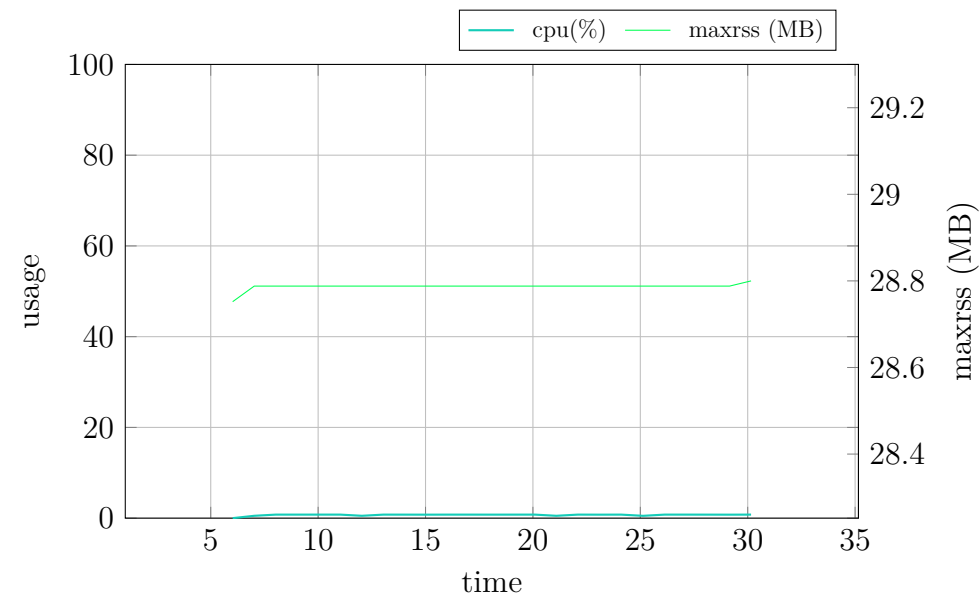


# Performance fastrtps

Logfile name	8194221f-d2a2-4cf7-a27e-433001c5ba03.csv
Experiment id	f30aa3b9-3381-4aaa-ad8a-cc62baac2150
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	
Publishing rate	20
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	1.0054
received	57.24
sent	19.08
lost	0.0
relative_loss	0.0
data_received	982502.16
latency_min (ms)	0.0357
latency_max (ms)	0.268
latency_mean (ms)	0.0961
latency_variance (ms)	0.0
pub_loop_res_min (ms)	34.2752
pub_loop_res_max (ms)	48.1672
pub_loop_res_mean (ms)	41.3616
pub_loop_res_variance (ms)	0.02
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 (%)	0.7044
max_ram_usage (MB)	28.8

## 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