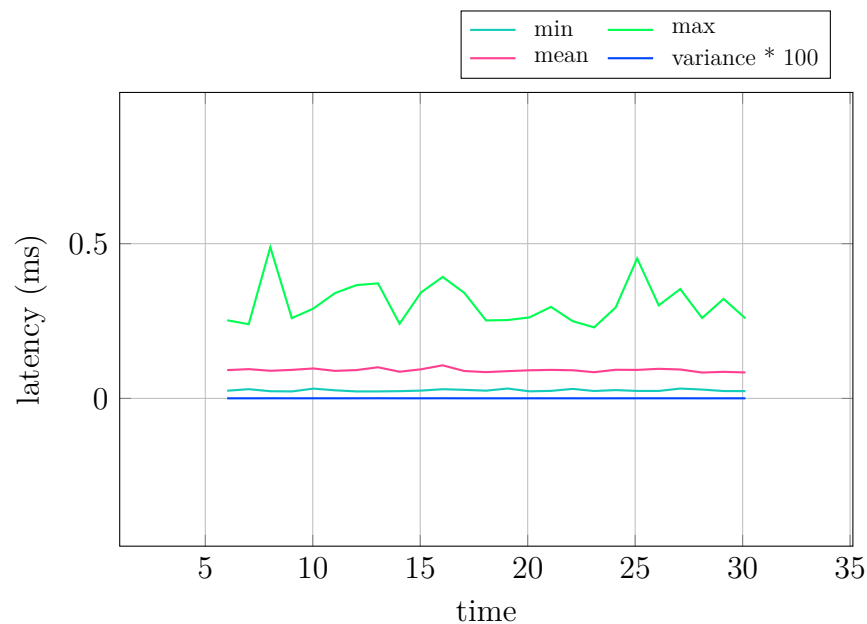
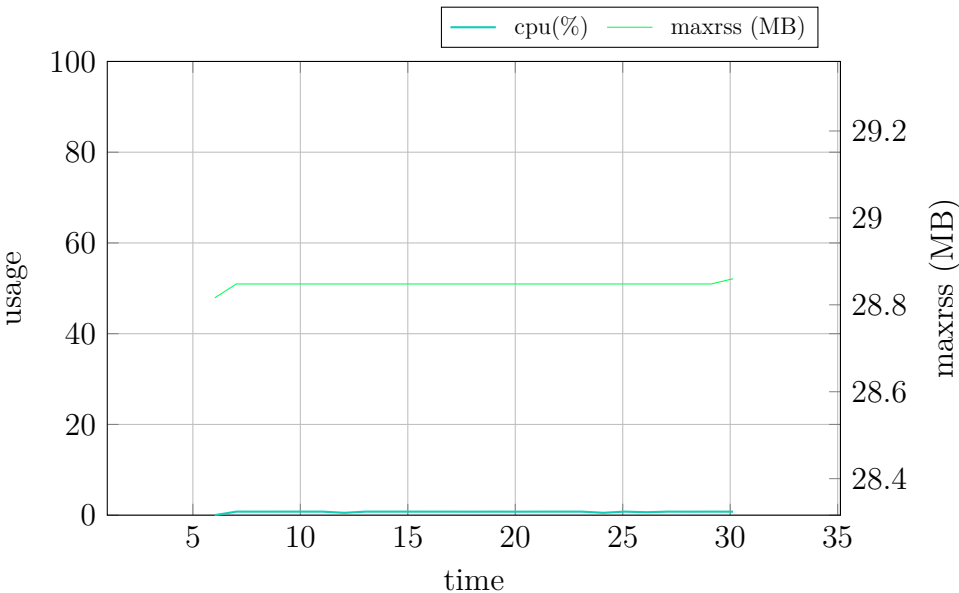


# Performance fastrtps

Logfile name	4f0c50ed-afa0-4559-89f6-ad4341879765.csv
Experiment id	80164bf1-6440-44c4-b96d-7b20df0888b5
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	
Publishing rate	100
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	1.0045
received	297.96
sent	99.32
lost	0.0
relative_loss	0.0
data_received	4921109.04
latency_min (ms)	0.026
latency_max (ms)	0.3083
latency_mean (ms)	0.0912
latency_variance (ms)	0.0
pub_loop_res_min (ms)	-5.5806
pub_loop_res_max (ms)	9.784
pub_loop_res_mean (ms)	2.1589
pub_loop_res_variance (ms)	0.0204
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 (%)	0.7205
max_ram_usage (MB)	28.86

## 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