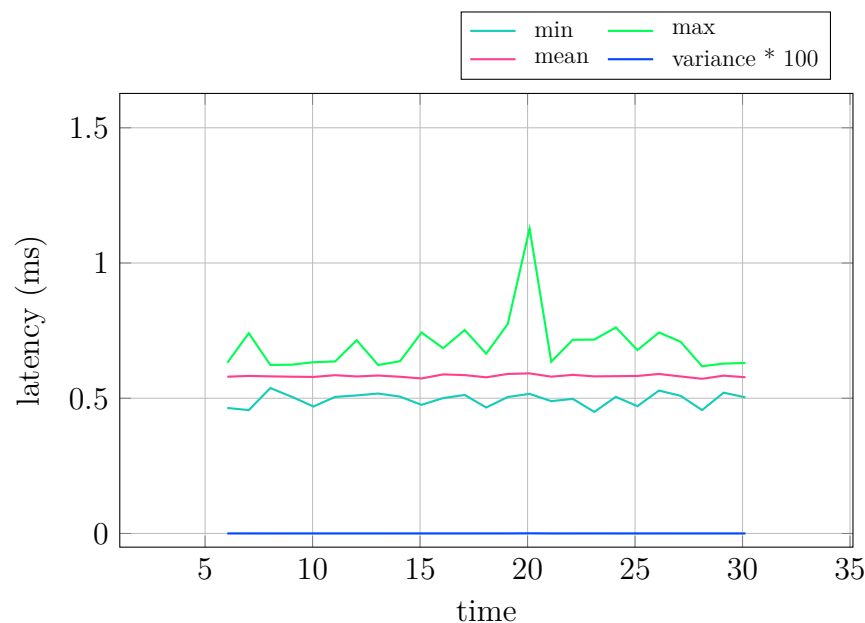
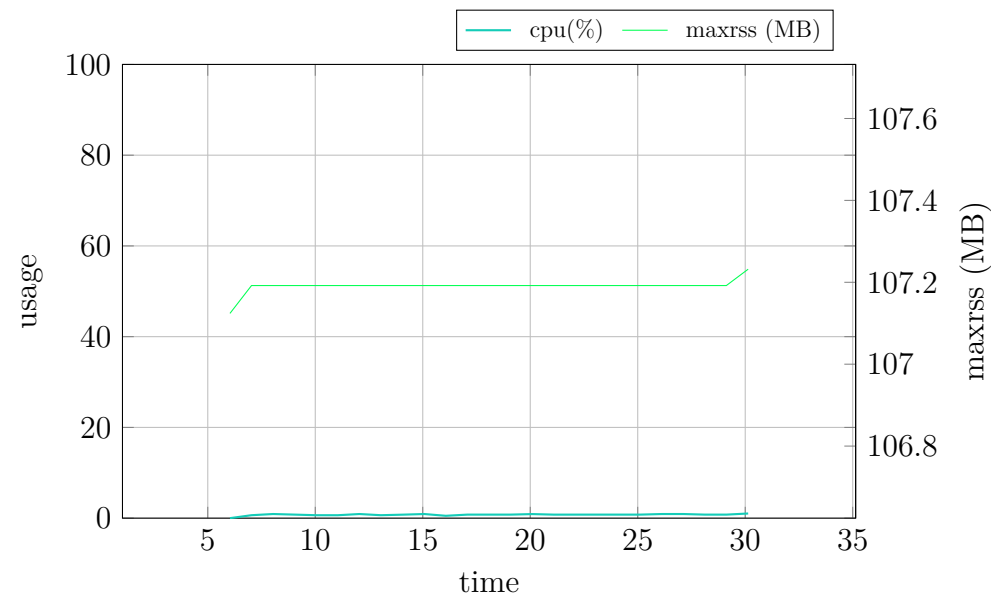


# Performance fastrtps

Logfile name	dd23e7bc-2cee-4bde-8e99-607c0f5c2b75.csv
Experiment id	6947f850-20a1-41ba-83ae-c3379755b1af
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	
Publishing rate	20
Topic name	Struct32k
Number of publishers	1
Number of subscribers	10
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

## average results

Experiment Status	success
T_loop	1.0042
received	190.8
sent	19.08
lost	0.0
relative_loss	0.0
data_received	13541690.4
latency_min (ms)	0.495
latency_max (ms)	0.6978
latency_mean (ms)	0.582
latency_variance (ms)	0.0
pub_loop_res_min (ms)	34.156
pub_loop_res_max (ms)	47.9096
pub_loop_res_mean (ms)	41.0544
pub_loop_res_variance (ms)	0.0199
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 (%)	0.757
max_ram_usage (MB)	107.23

## environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Struct32k
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