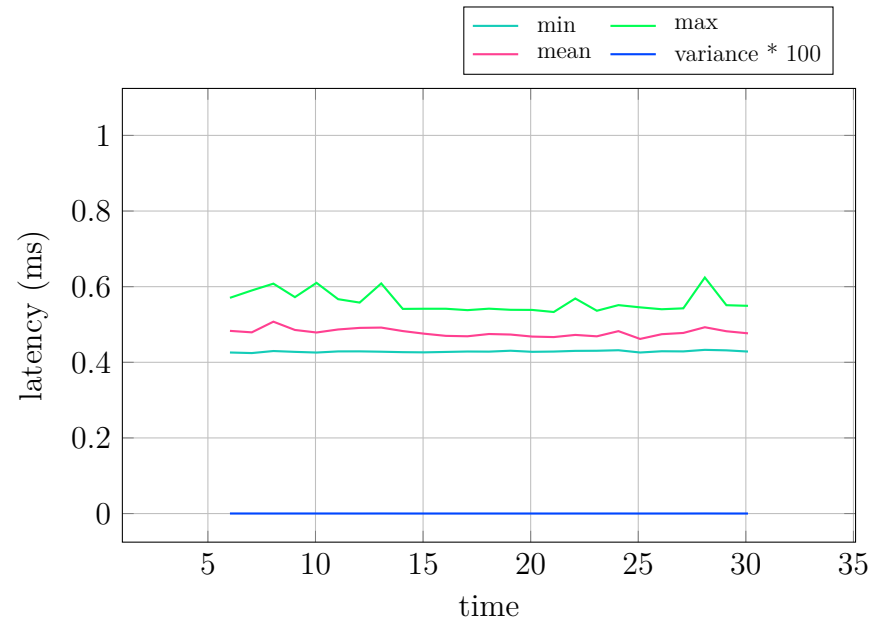
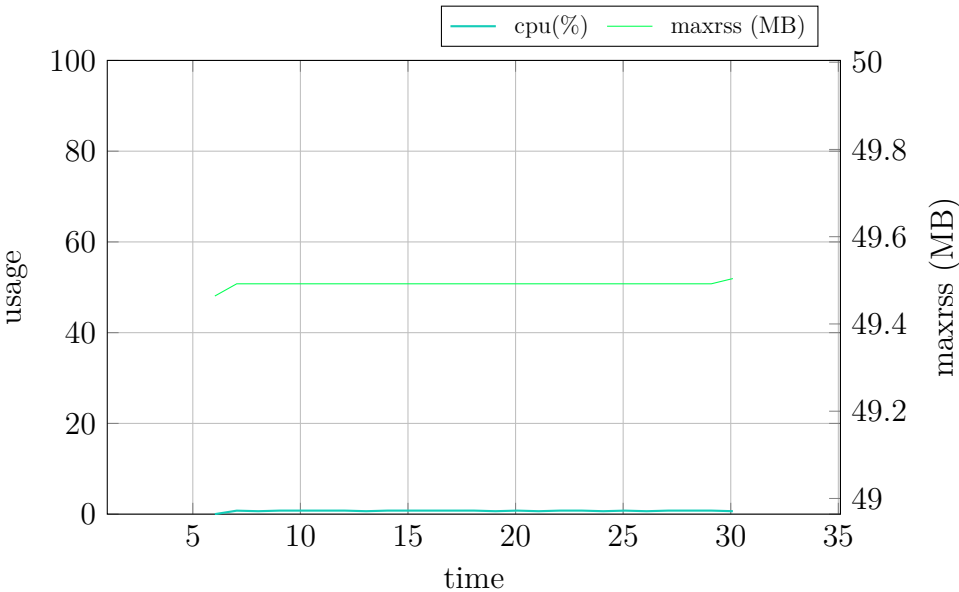


# Performance fastrtps

Logfile name	ae6bf315-5d6f-4332-b1cb-64355b67242f.csv
Experiment id	51b99f5c-c3eb-4b64-999a-a7ed9ba6bc0a
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	3
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

## average results

Experiment Status	success
T_loop	1.003
received	57.12
sent	19.04
lost	0.0
relative_loss	0.0
data_received	4059310.2
latency_min (ms)	0.4285
latency_max (ms)	0.5603
latency_mean (ms)	0.4789
latency_variance (ms)	0.0
pub_loop_res_min (ms)	34.2776
pub_loop_res_max (ms)	47.9172
pub_loop_res_mean (ms)	40.996
pub_loop_res_variance (ms)	0.0201
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 (%)	0.7114
max_ram_usage (MB)	49.5

## 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