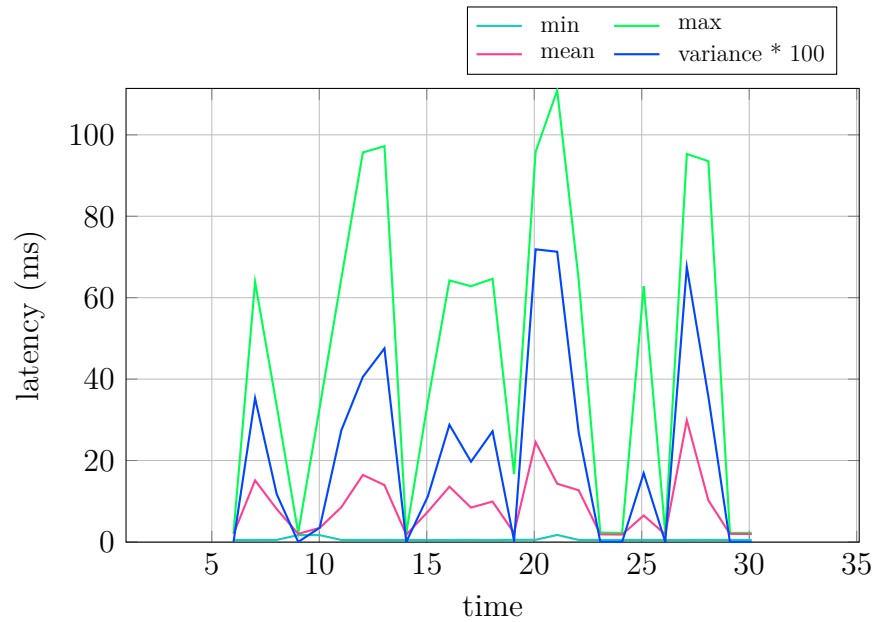
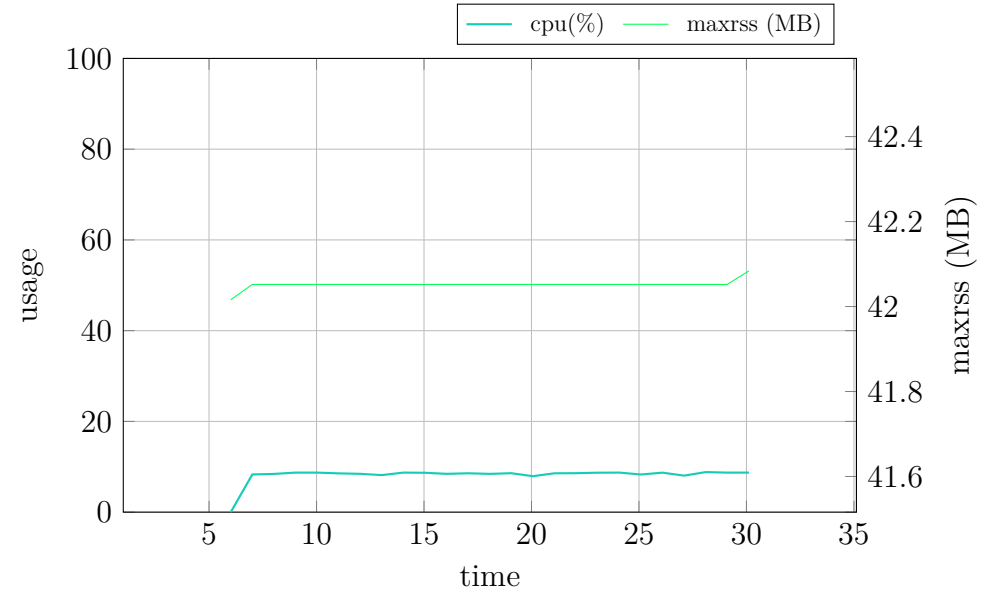


# Performance fastrtps

Logfile name	51a866d6-7a13-469b-a63d-162b1b52ec21.csv
Experiment id	4b173c6b-8070-4b82-9c90-15444689f28e
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	
Publishing rate	500
Topic name	Struct32k
Number of publishers	0
Number of subscribers	3
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

## average results

Experiment Status	success
T_loop	1.0043
received	1498.32
sent	0.0
lost	0.0
data_received	101587302.0
latency_min (ms)	0.6285
latency_max (ms)	46.8547
latency_mean (ms)	8.8203
latency_variance (ms)	0.2174
pub_loop_res_min (ms)	inf
pub_loop_res_max (ms)	-inf
pub_loop_res_mean (ms)	0.0
pub_loop_res_variance (ms)	0.0
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 (%)	8.1821
max_ram_usage (MB)	42.08

## 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