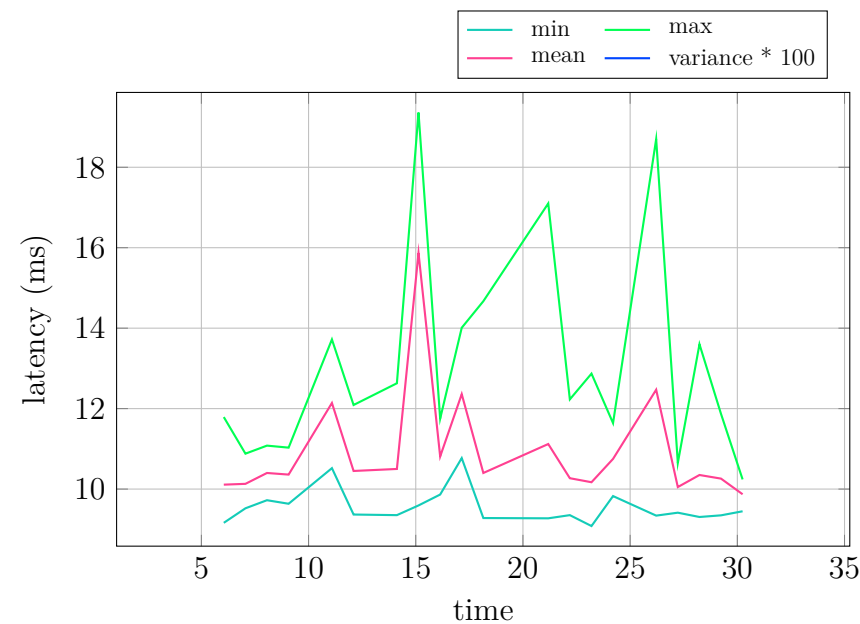
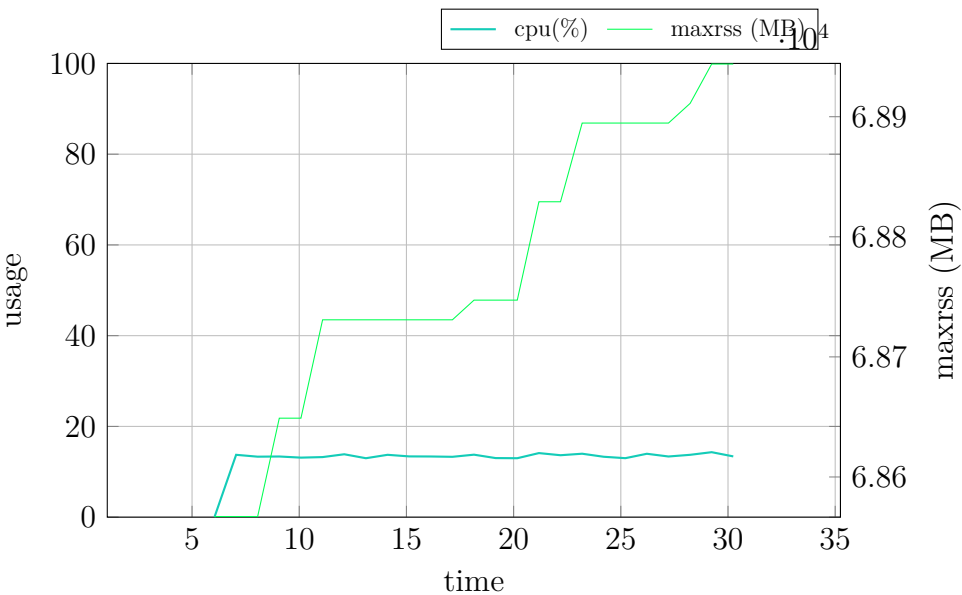


# Performance fastrtps

Logfile name	6b60fda2-1dbd-403b-94b5-8a89bd7e1f3d.csv
Experiment id	da08c779-3515-4dce-9946-2b74804338e9
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	0
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	1.0084
received	416.04
sent	11160.28
lost	32503.92
relative_loss	2.922
data_received	28236644.76
latency_min (ms)	inf
latency_max (ms)	-inf
latency_mean (ms)	10.942
latency_variance (ms)	0.0028
pub_loop_res_min (ms)	-39602.4
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4611600000000.0
pub_loop_res_variance (ms)	2.127e+22
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 (%)	12.9632
max_ram_usage (MB)	68943.87

## 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