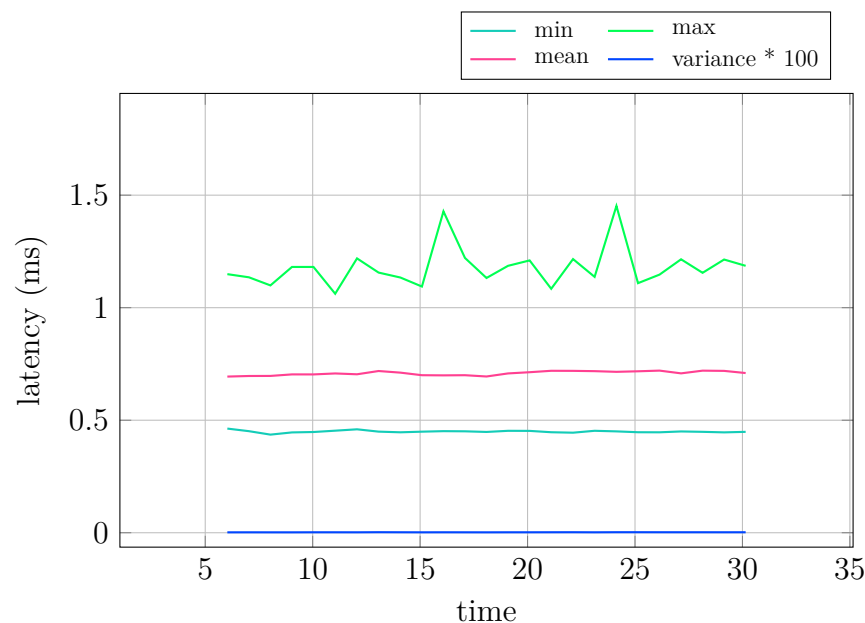
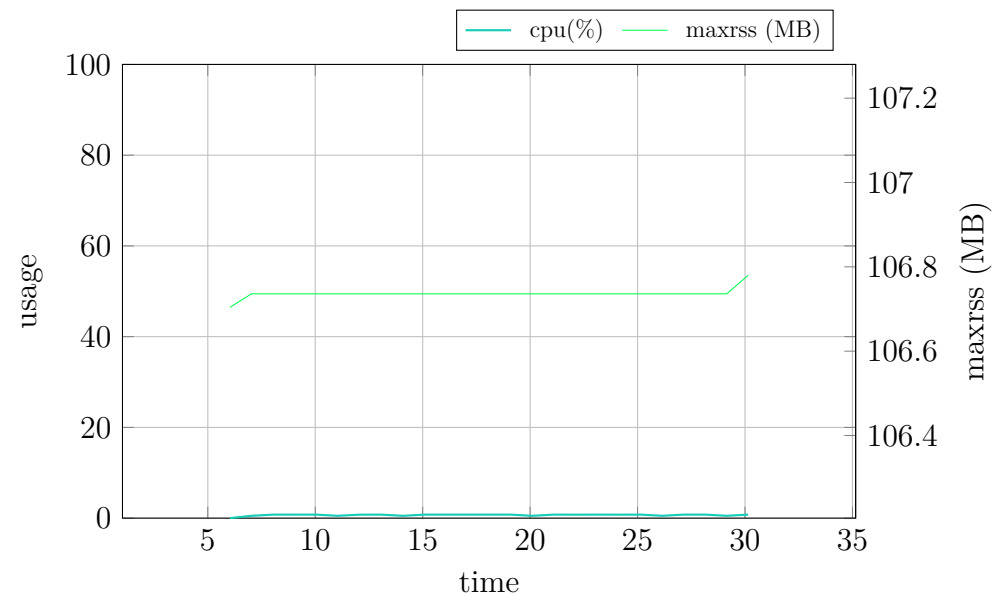


# Performance fastrtps

Logfile name	46ee631d-a4fd-45b7-9bdd-9fdee24280fc.csv
Experiment id	f7df1d07-5d50-410b-a2bf-f0ac26faf41e
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getusage](#))

## test setup

Performance Test Version	
Publishing rate	100
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	1.0048
received	993.2
sent	99.28
lost	0.0
relative_loss	0.0
data_received	67722653.36
latency_min (ms)	0.4495
latency_max (ms)	1.1801
latency_mean (ms)	0.7087
latency_variance (ms)	0.0
pub_loop_res_min (ms)	-5.5994
pub_loop_res_max (ms)	9.5442
pub_loop_res_mean (ms)	2.0626
pub_loop_res_variance (ms)	0.0196
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 (%)	0.6842
max_ram_usage (MB)	106.78

## 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