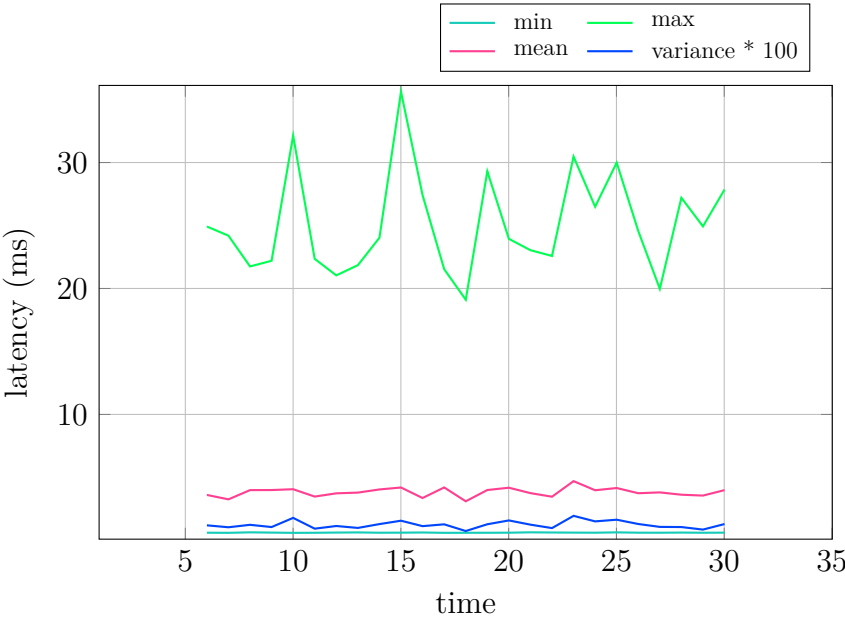
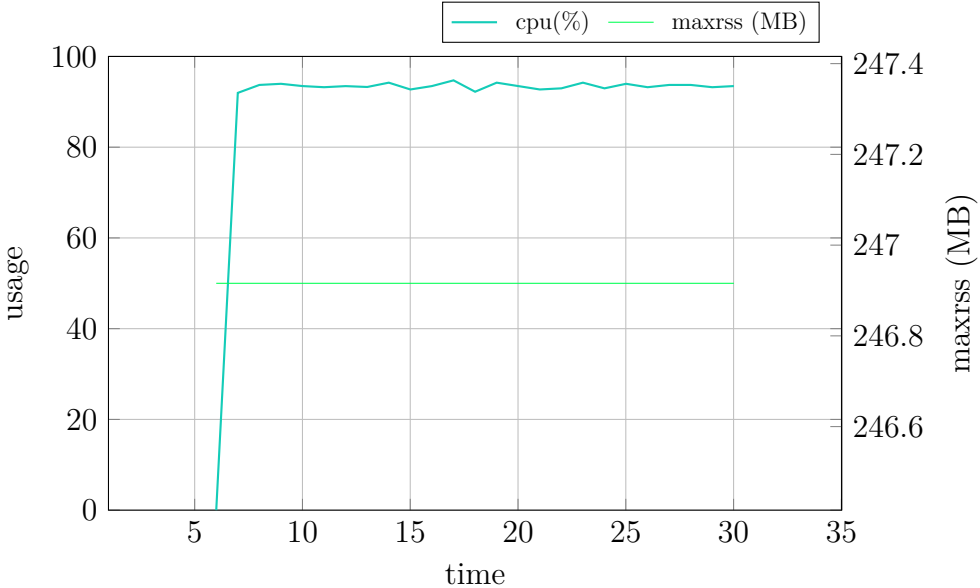


# Performance cyclonedds

Logfile name	67710e94-ffc2-4f28-a176-71509edd0d5f.csv
Experiment id	fa050042-b020-4d6c-b1d5-a63e6721621f
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	2113db4
Publishing rate	0
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	1.0002
received	5762.68
sent	576.24
lost	0.0
relative_loss	0.0
data_received	390830130.72
latency_min (ms)	0.6152
latency_max (ms)	25.138
latency_mean (ms)	3.8324
latency_variance (ms)	0.0125
pub_loop_res_min (ms)	-18142.2
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4611680000000.0
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 (%)	89.6932
max_ram_usage (MB)	246.92

## 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_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0
Zero copy transfer	0