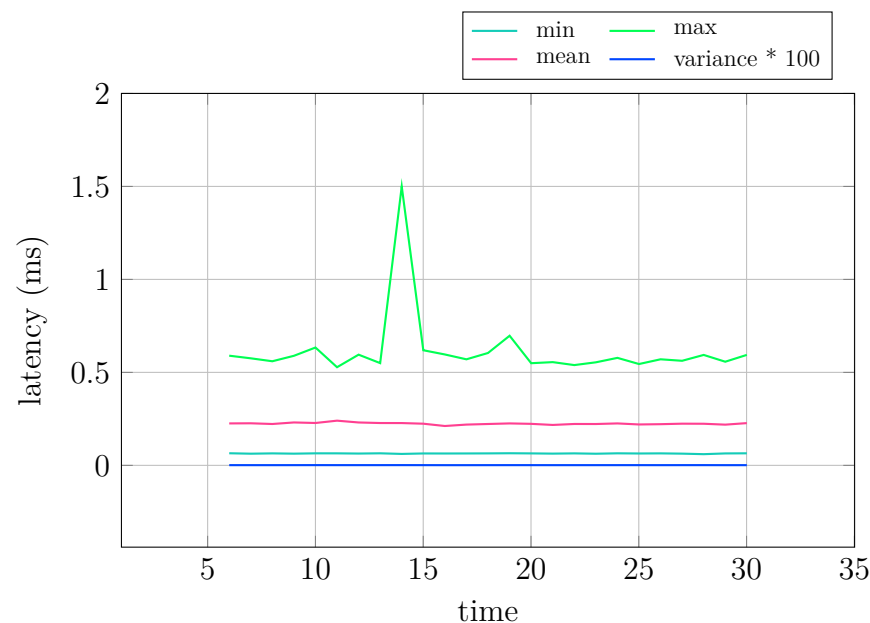
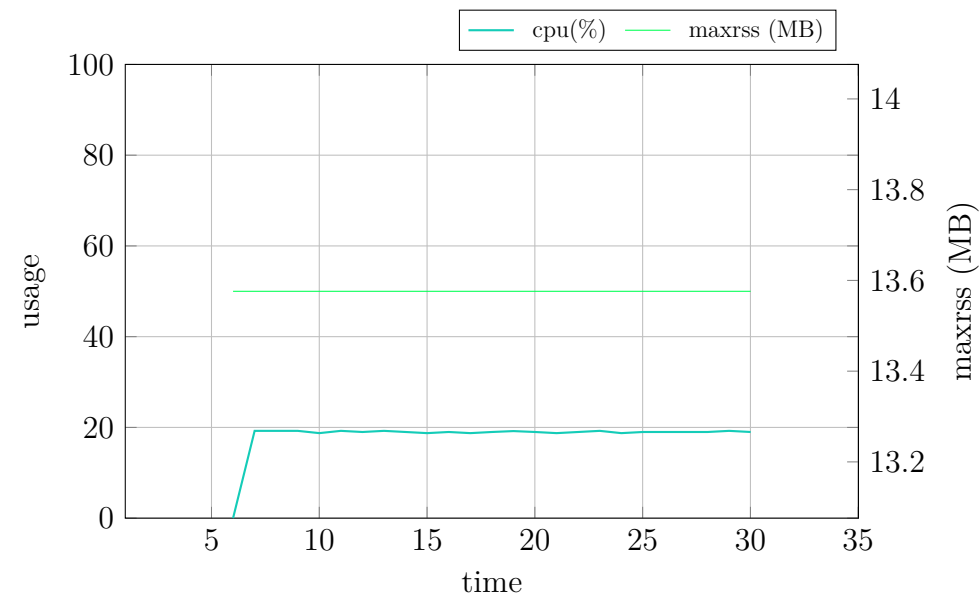


# Performance cyclonedds

Logfile name	15888d34-06c6-4ebe-a263-d2d086f94c48.csv
Experiment id	14318e70-44b4-4f05-a3bb-057d81d6667b
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	2113db4
Publishing rate	500
Topic name	Struct16
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	1.0001
received	4991.96
sent	499.16
lost	0.0
relative_loss	0.0
data_received	159999.88
latency_min (ms)	0.0638
latency_max (ms)	0.6162
latency_mean (ms)	0.2243
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.3722
pub_loop_res_max (ms)	1.7836
pub_loop_res_mean (ms)	1.5747
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 (%)	18.2584
max_ram_usage (MB)	13.58

## environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Struct16
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