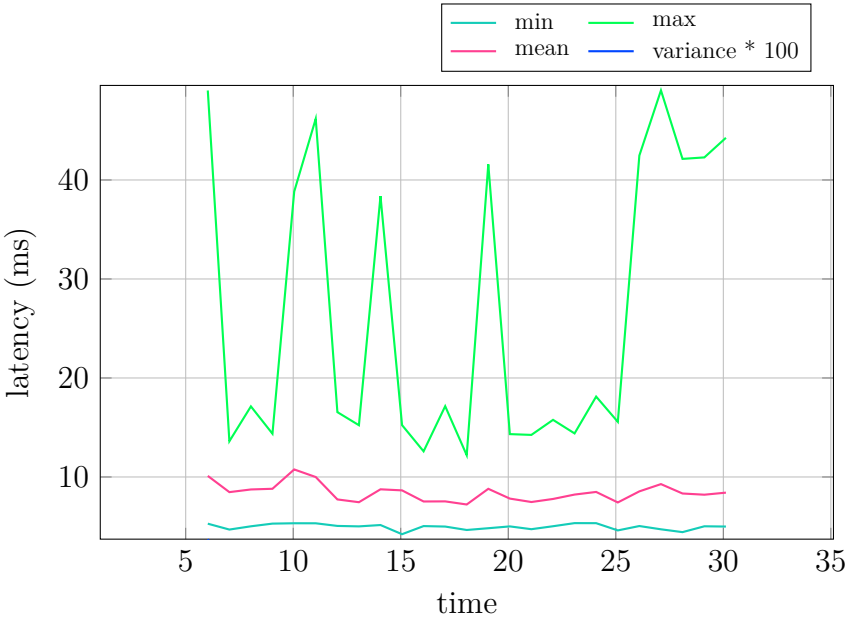
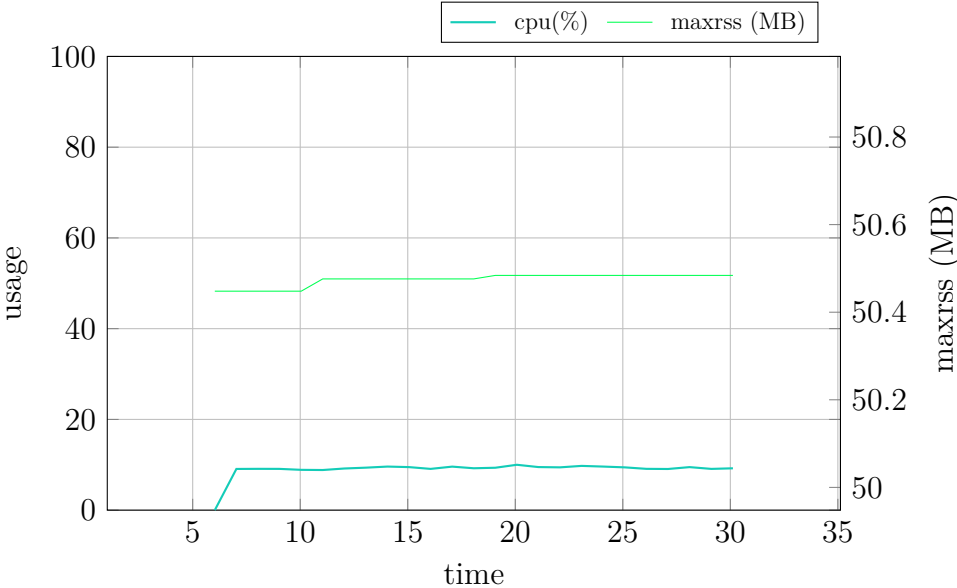


# Performance cyclonedds

Logfile name	c8d42faf-b910-4907-98c9-7aa927ed8c8d.csv
Experiment id	bc9d9b8e-1cca-4b46-afe6-a072472ea416
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	0
Publishing rate	0
Topic name	Struct32k
Number of publishers	0
Number of subscribers	1
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

## average results

Experiment Status	success
T_loop	1.0037
received	3344.0
sent	0.0
lost	26516.56
relative_loss	inf
data_received	226511259.04
latency_min (ms)	4.9638
latency_max (ms)	26.428
latency_mean (ms)	8.4217
latency_variance (ms)	0.0115
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 (%)	8.9446
max_ram_usage (MB)	50.48

## 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