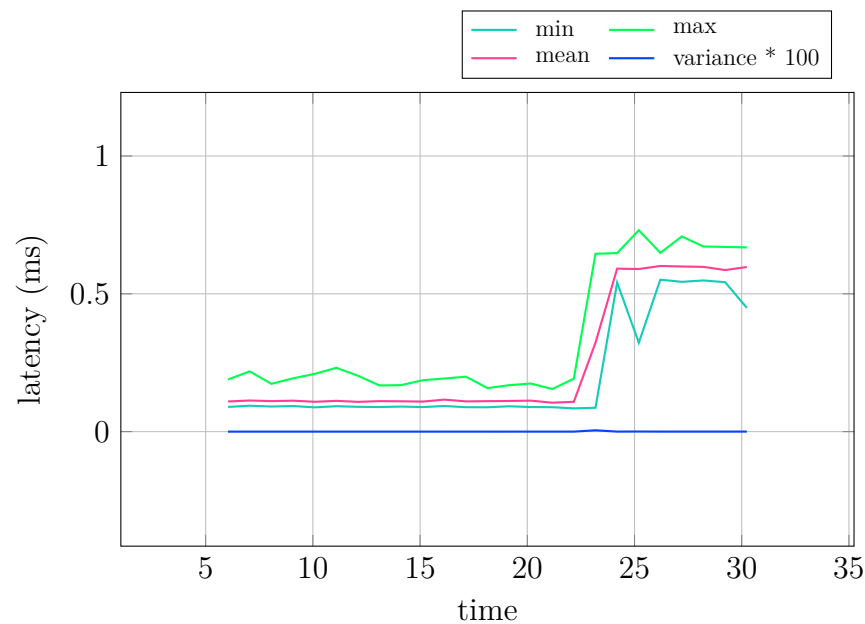
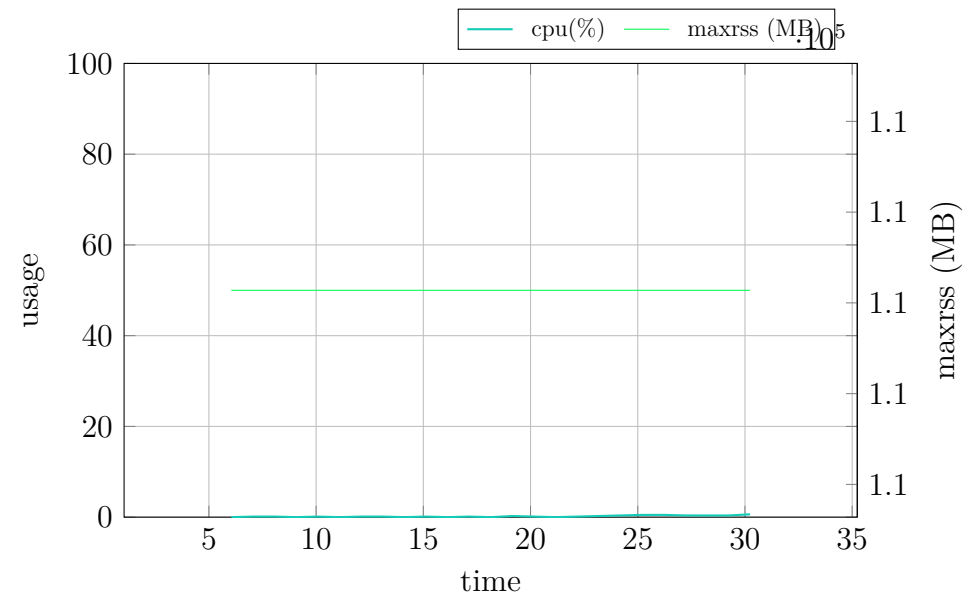


# Performance cyclonedds

Logfile name	9e7105e7-f17d-4c9e-9b52-ff57906e5b99.csv
Experiment id	e2ff7ca5-84e5-4ecf-9a27-8ea77c428fd8
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	20
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	1.008
received	57.48
sent	19.16
lost	0.0
relative_loss	0.0
data_received	4063269.96
latency_min (ms)	0.2046
latency_max (ms)	0.3428
latency_mean (ms)	0.2544
latency_variance (ms)	0.0
pub_loop_res_min (ms)	39.9156
pub_loop_res_max (ms)	48.4288
pub_loop_res_mean (ms)	42.1268
pub_loop_res_variance (ms)	0.0073
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 (%)	0.1884
max_ram_usage (MB)	109953.02

## 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