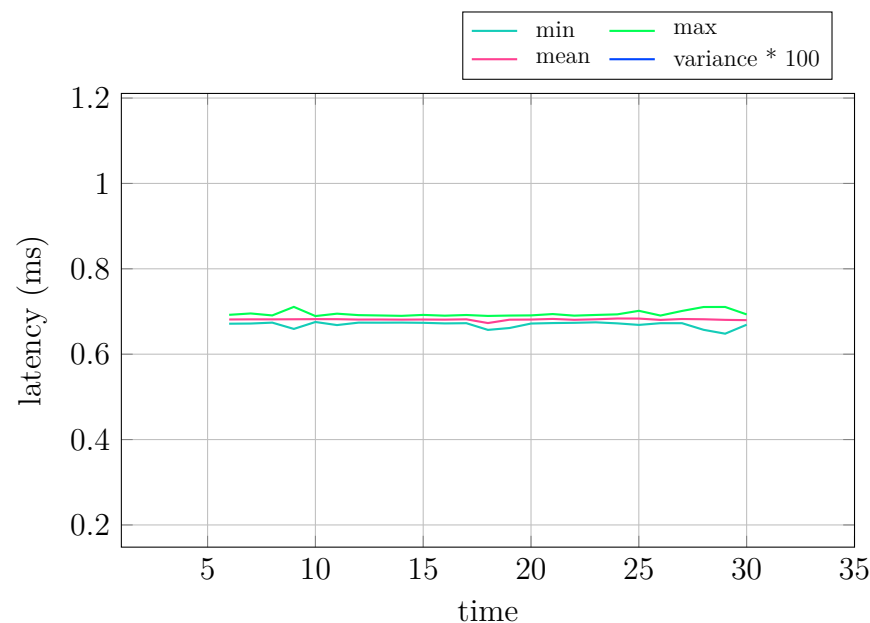
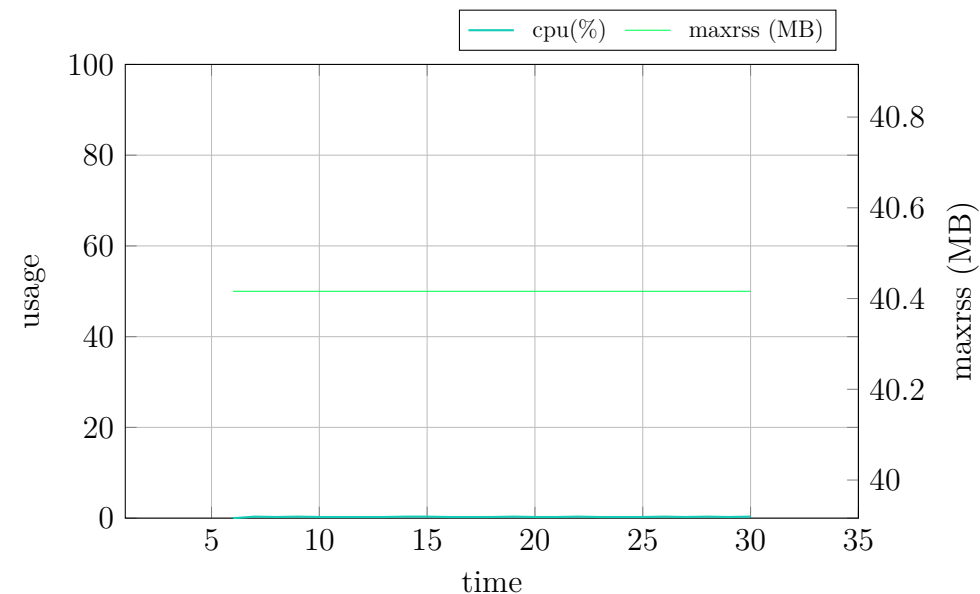


# Performance cyclonedds

Logfile name	0da512a4-619e-4991-842d-36afdda3a38f.csv
Experiment id	5962c53c-2020-40ee-9db2-4ec67e5bc910
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	2113db4
Publishing rate	20
Topic name	Array2m
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	1.0001
received	57.0
sent	19.0
lost	0.0
relative_loss	0.0
data_received	125811546.12
latency_min (ms)	0.6692
latency_max (ms)	0.6947
latency_mean (ms)	0.6811
latency_variance (ms)	0.0
pub_loop_res_min (ms)	49.6984
pub_loop_res_max (ms)	49.7064
pub_loop_res_mean (ms)	49.7004
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 (%)	0.2695
max_ram_usage (MB)	40.42

## environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Array2m
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