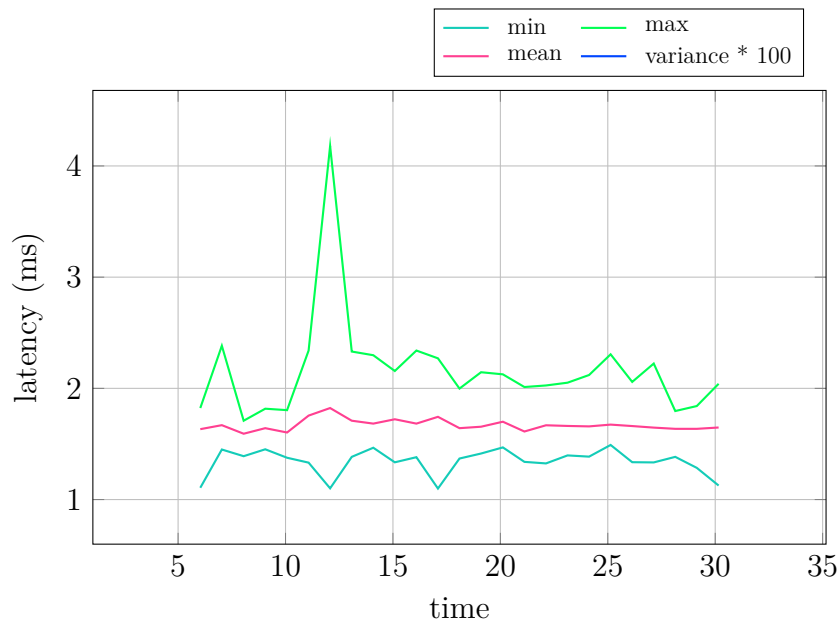
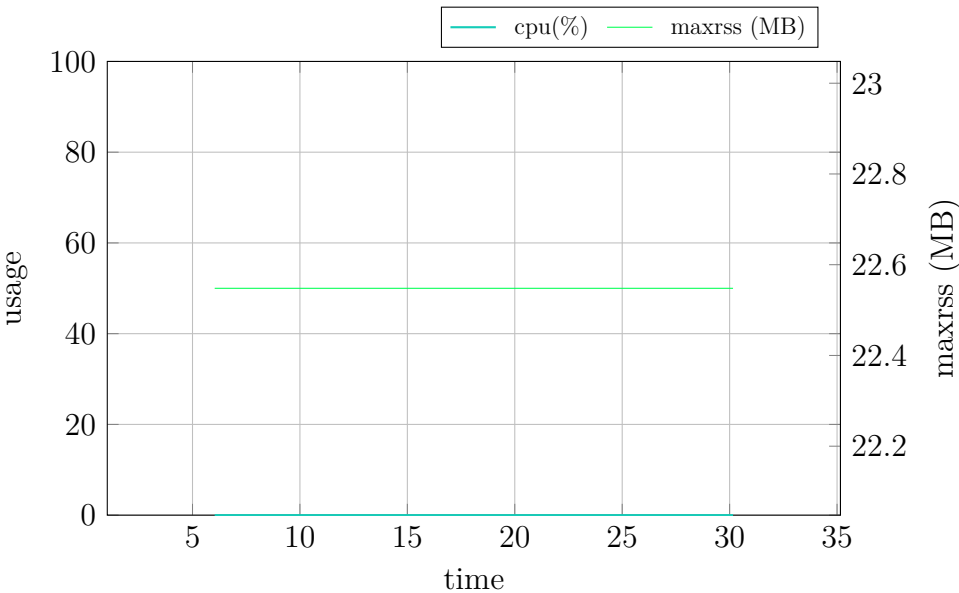


# Performance cyclonedds

Logfile name	0fde7ccb-cdfb-42cd-a8ef-b16837c2c2bd.csv
Experiment id	0714f12c-3cf1-459f-8ff6-903dc94f8891
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	
Publishing rate	20
Topic name	Array2m
Number of publishers	1
Number of subscribers	1
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.005
received	19.08
sent	19.12
lost	0.0
relative_loss	0.0
data_received	41895648.0
latency_min (ms)	1.3411
latency_max (ms)	2.1677
latency_mean (ms)	1.6703
latency_variance (ms)	0.0
pub_loop_res_min (ms)	34.004
pub_loop_res_max (ms)	48.1968
pub_loop_res_mean (ms)	41.0816
pub_loop_res_variance (ms)	0.0206
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 (%)	0.0
max_ram_usage (MB)	22.55

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