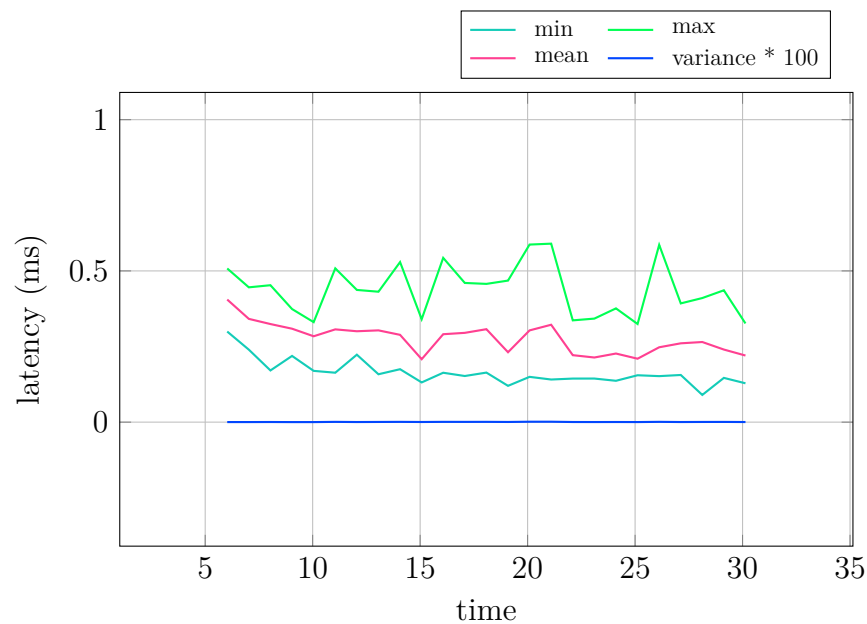
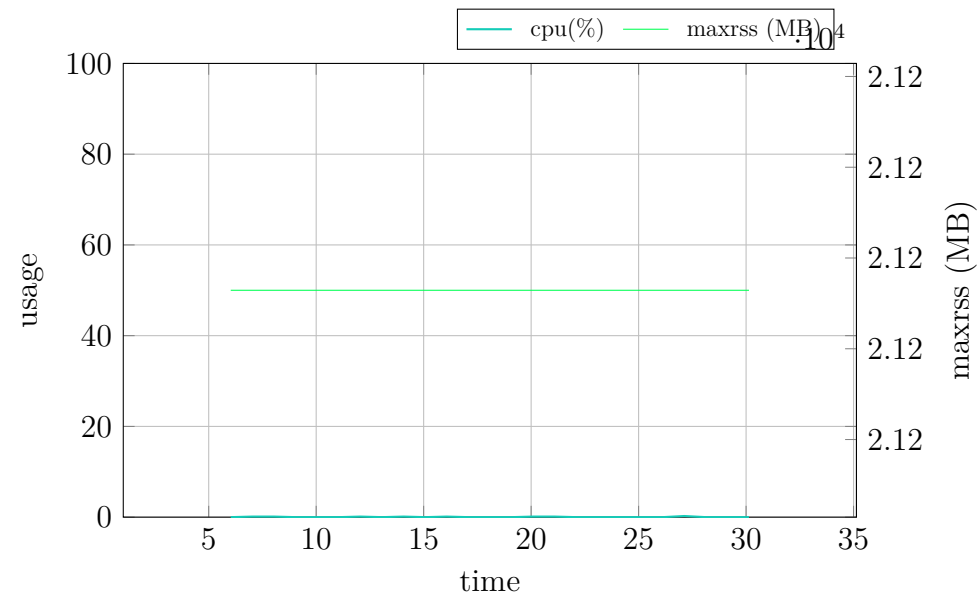


# Performance cyclonedds

Logfile name	2342c784-f43f-4684-a982-46c5cd2e30d8.csv
Experiment id	cde1074b-fee7-4853-a9de-cd780fe70d7b
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getusage](#))

## test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	20
Topic name	Array16k
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	1.0044
received	19.08
sent	0.0
lost	0.0
relative_loss	nan
data_received	327806.96
latency_min (ms)	0.1637
latency_max (ms)	0.4397
latency_mean (ms)	0.277
latency_variance (ms)	0.0
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 (%)	0.0448
max_ram_usage (MB)	21151.74

## environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Array16k
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