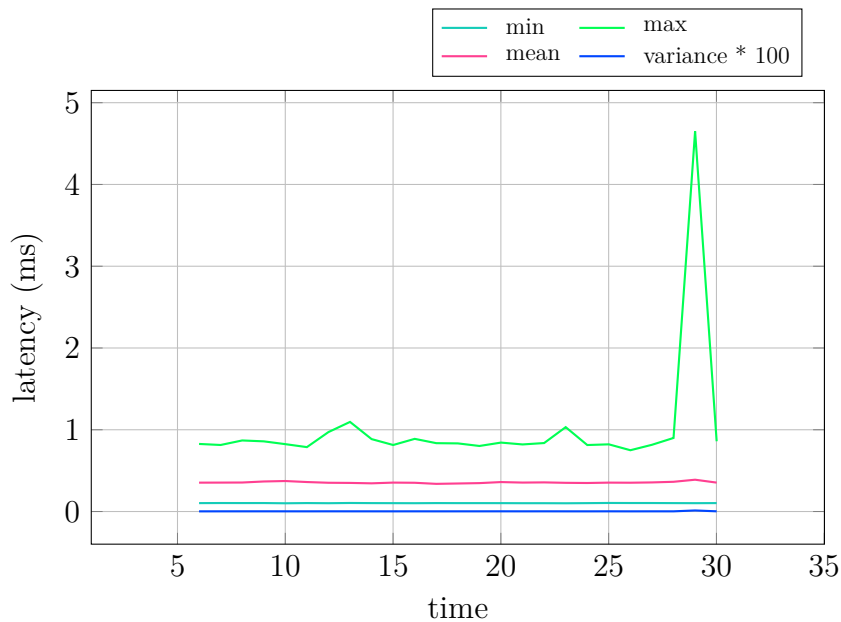
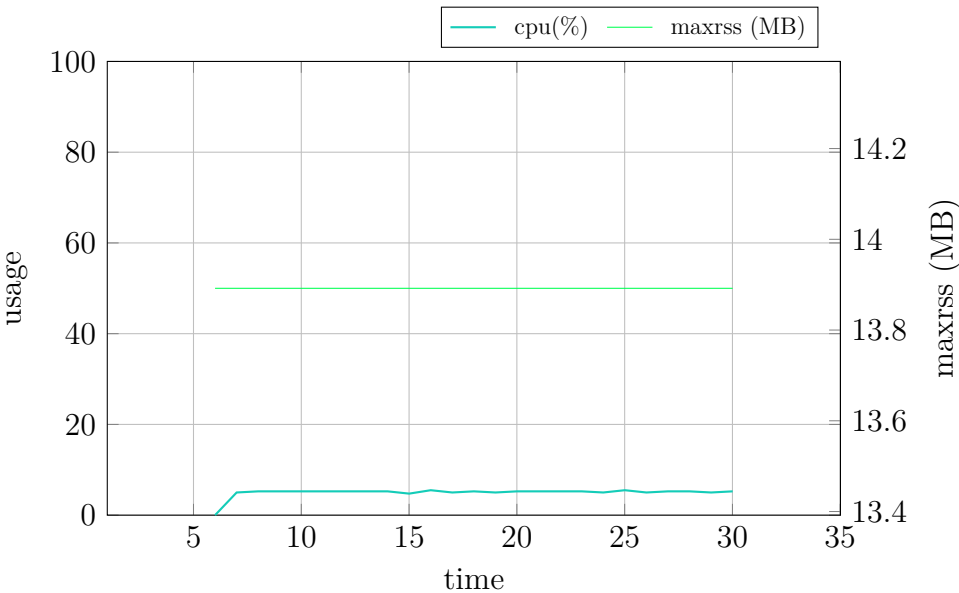


# Performance cyclonedds

Logfile name	e85fd823-ab94-4b04-9233-969122d17c34.csv
Experiment id	59873a0f-388b-4d83-b56c-010b0bd54b51
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	2113db4
Publishing rate	100
Topic name	Array16k
Number of publishers	1
Number of subscribers	10
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

## average results

Experiment Status	success
T_loop	1.0001
received	990.4
sent	99.04
lost	0.0
relative_loss	0.0
data_received	16400387.72
latency_min (ms)	0.1028
latency_max (ms)	1.0099
latency_mean (ms)	0.3552
latency_variance (ms)	0.0
pub_loop_res_min (ms)	9.0324
pub_loop_res_max (ms)	9.675
pub_loop_res_mean (ms)	9.3991
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 (%)	4.978
max_ram_usage (MB)	13.89

## 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