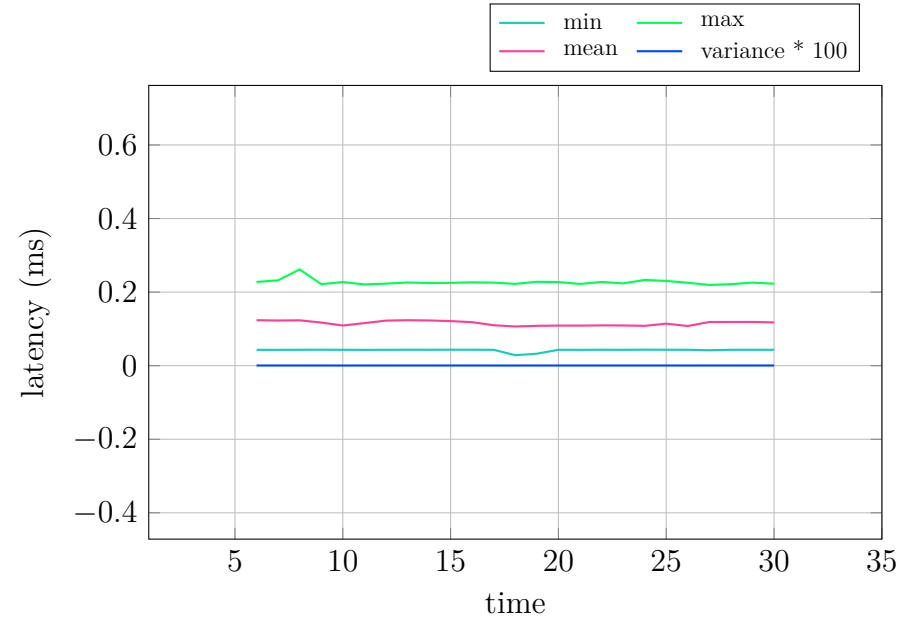
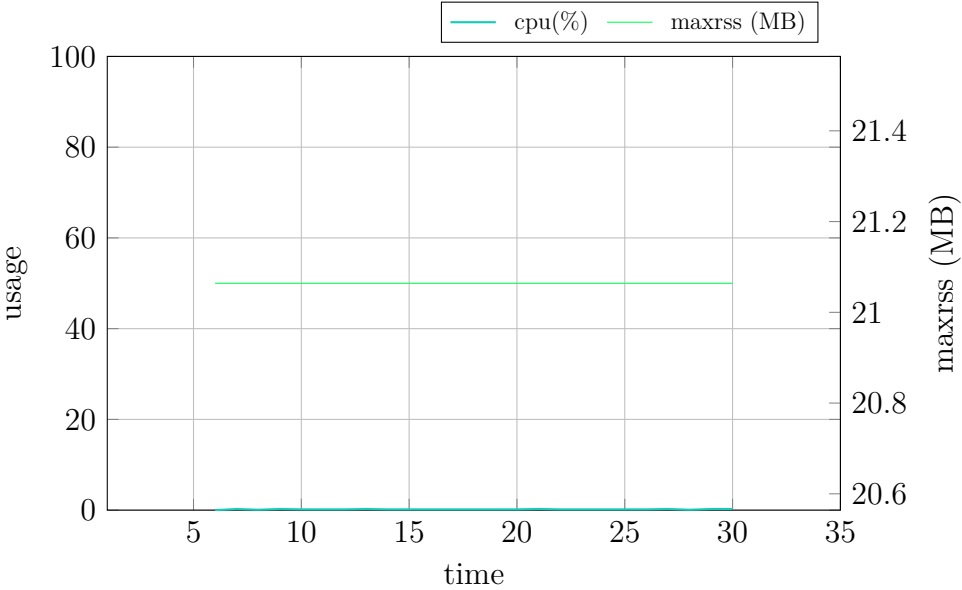


# Performance cyclonedds

Logfile name	3ffdeff6-70f5-4da4-b658-8760fe579e17.csv
Experiment id	46e08d58-93e2-4e01-8c1b-2efd3787dd8d
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	2113db4
Publishing rate	20
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	190.0
sent	19.0
lost	0.0
relative_loss	0.0
data_received	3279585.56
latency_min (ms)	0.0421
latency_max (ms)	0.2269
latency_mean (ms)	0.1154
latency_variance (ms)	0.0
pub_loop_res_min (ms)	49.8228
pub_loop_res_max (ms)	49.8852
pub_loop_res_mean (ms)	49.8732
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 (%)	0.1761
max_ram_usage (MB)	21.06

## 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