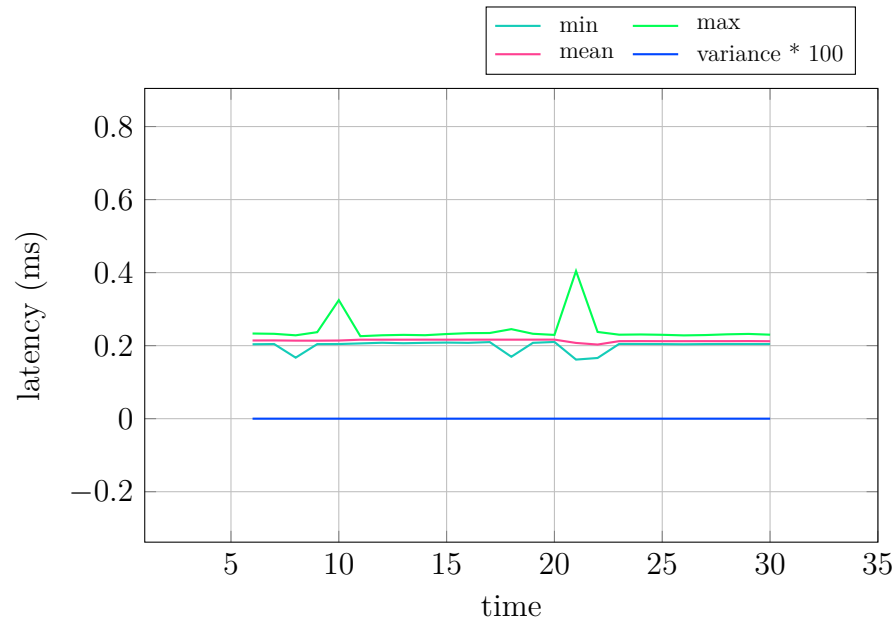
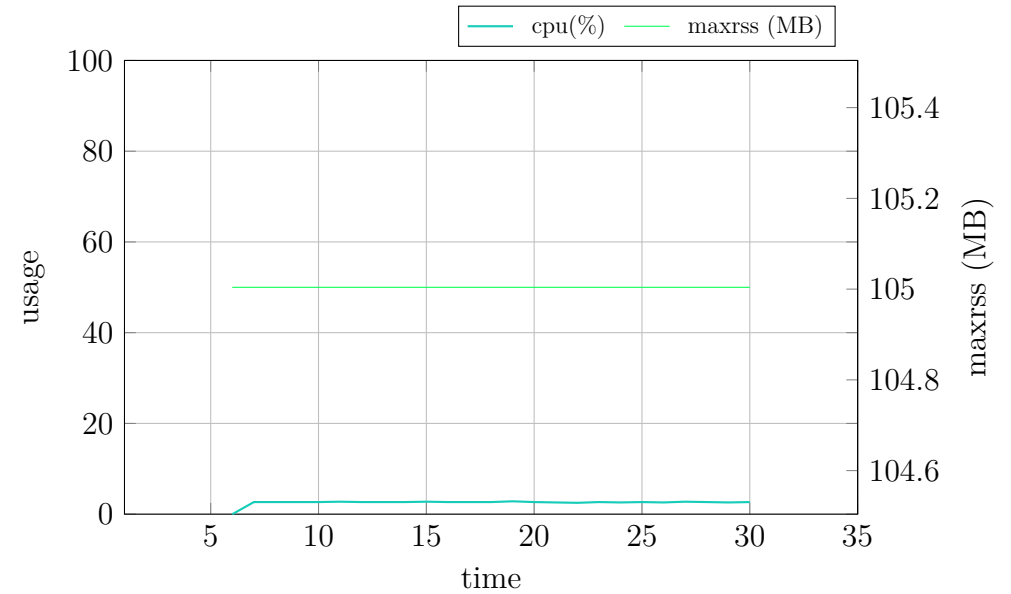


# Performance cyclonedds

Logfile name	21e59ae8-959c-45fb-aa6e-59c9a9342b9f.csv
Experiment id	6880c507-8db6-4439-a430-d4b2acec72a5
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	2113db4
Publishing rate	500
Topic name	Struct32k
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	1497.12
sent	499.04
lost	0.0
relative_loss	0.0
data_received	101590729.72
latency_min (ms)	0.1995
latency_max (ms)	0.2423
latency_mean (ms)	0.2137
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.9125
pub_loop_res_max (ms)	1.9306
pub_loop_res_mean (ms)	1.9261
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 (%)	2.5557
max_ram_usage (MB)	105.0

## environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Struct32k
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