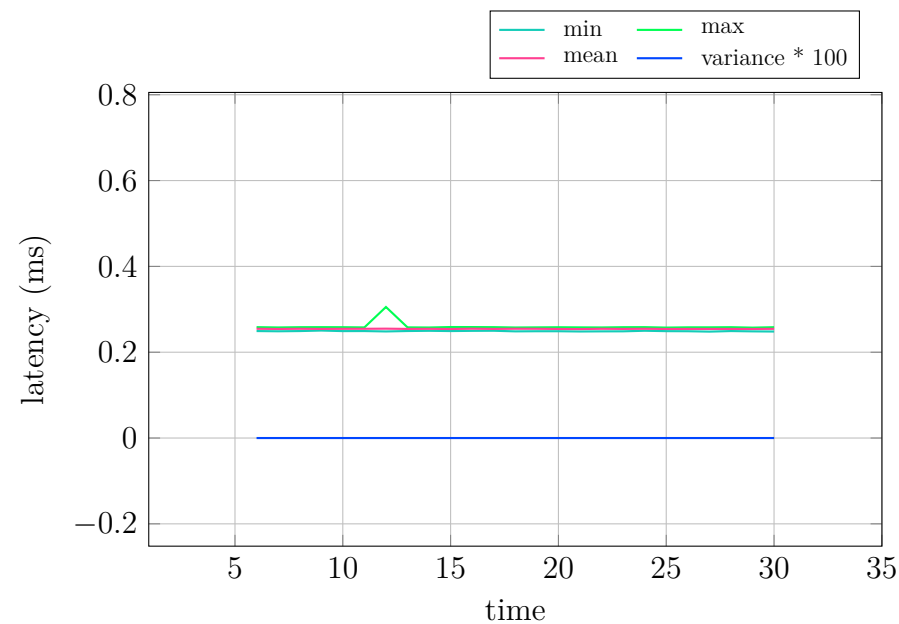
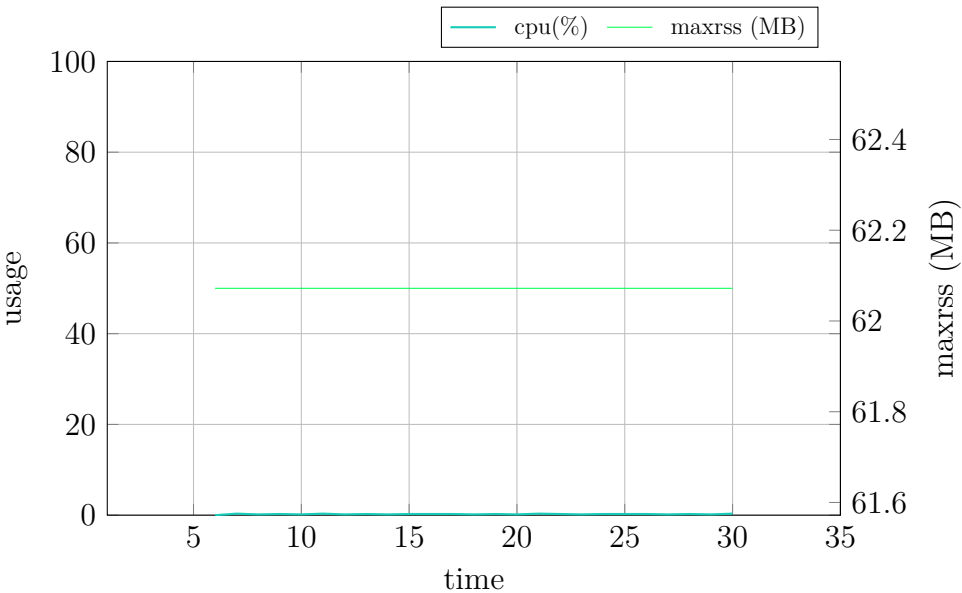


# Performance cyclonedds

Logfile name	dd6505a6-d36a-449f-8104-8a580e0e29d2.csv
Experiment id	6914d0c2-16c8-4521-b735-36b723efaf21
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	2113db4
Publishing rate	100
Topic name	Struct32k
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	1.0001
received	99.0
sent	99.0
lost	0.0
relative_loss	0.0
data_received	6771883.44
latency_min (ms)	0.2491
latency_max (ms)	0.26
latency_mean (ms)	0.2544
latency_variance (ms)	0.0
pub_loop_res_min (ms)	9.8878
pub_loop_res_max (ms)	9.9024
pub_loop_res_mean (ms)	9.89
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 (%)	0.2228
max_ram_usage (MB)	62.07

## 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