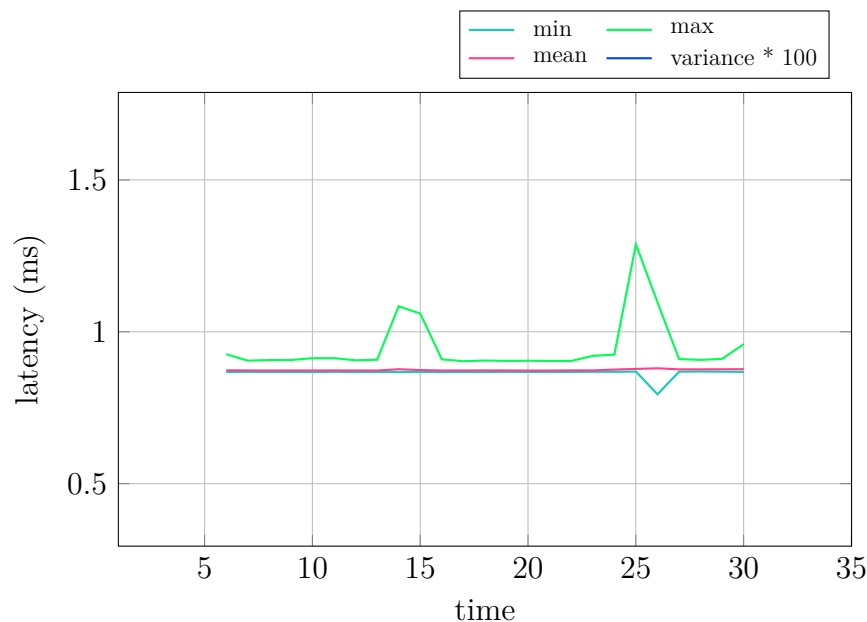
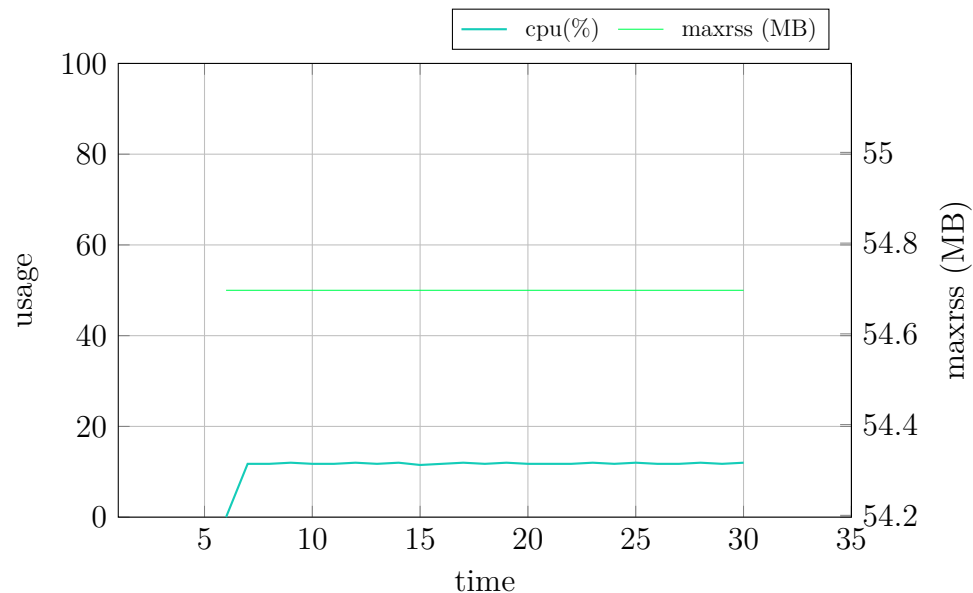


# Performance cyclonedds

Logfile name	544da7bc-99fa-44be-a383-b6d8812d7353.csv
Experiment id	6b795d10-63ad-4dcf-bda6-e44c0ad9c3f8
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	1
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

## average results

Experiment Status	success
T_loop	1.0001
received	499.12
sent	499.12
lost	0.0
relative_loss	0.0
data_received	33864152.08
latency_min (ms)	0.8651
latency_max (ms)	0.9473
latency_mean (ms)	0.8742
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.8371
pub_loop_res_max (ms)	1.8867
pub_loop_res_mean (ms)	1.8791
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 (%)	11.36
max_ram_usage (MB)	54.7

## 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