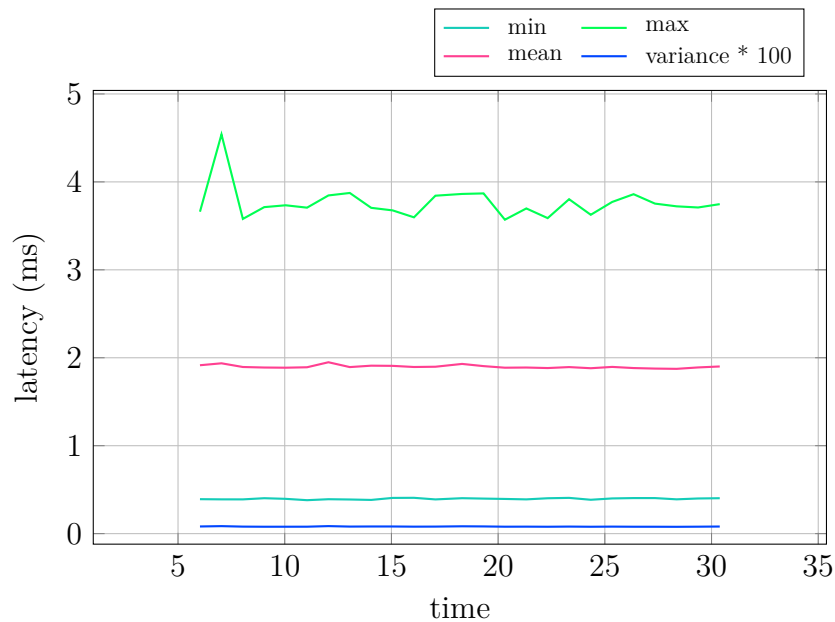
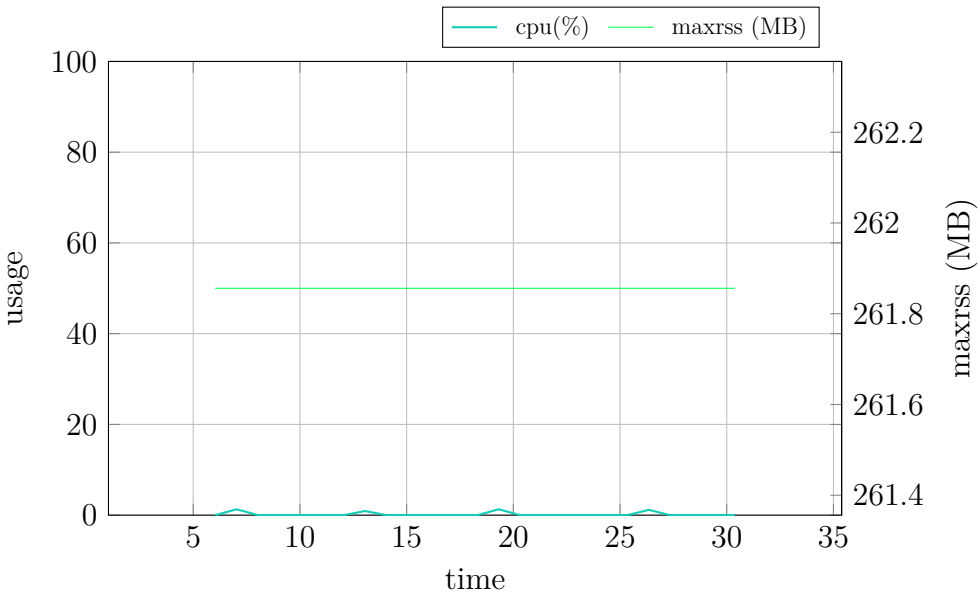


# Performance cyclonedds

Logfile name	06515072-f00c-4035-840c-4adf1e0209ed.csv
Experiment id	7a8fc788-9f1c-4327-98ec-17124cfdb785
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	
Publishing rate	500
Topic name	Struct32k
Number of publishers	0
Number of subscribers	10
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

## average results

Experiment Status	success
T_loop	1.0043
received	4991.2
sent	0.0
lost	0.0
data_received	338432631.48
latency_min (ms)	0.3959
latency_max (ms)	3.7622
latency_mean (ms)	1.8984
latency_variance (ms)	0.0008
pub_loop_res_min (ms)	inf
pub_loop_res_max (ms)	-inf
pub_loop_res_mean (ms)	0.0
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 (%)	0.1867
max_ram_usage (MB)	261.86

## 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