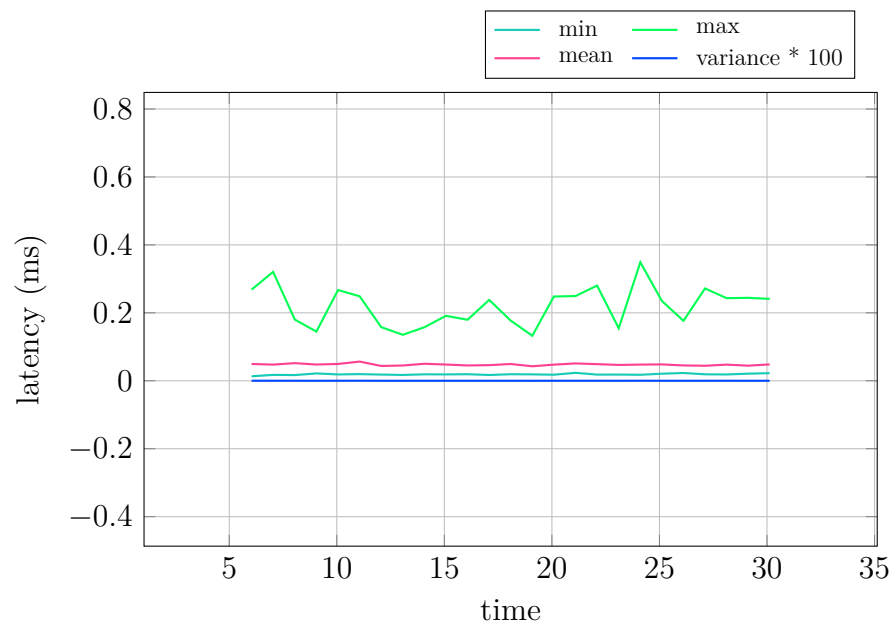
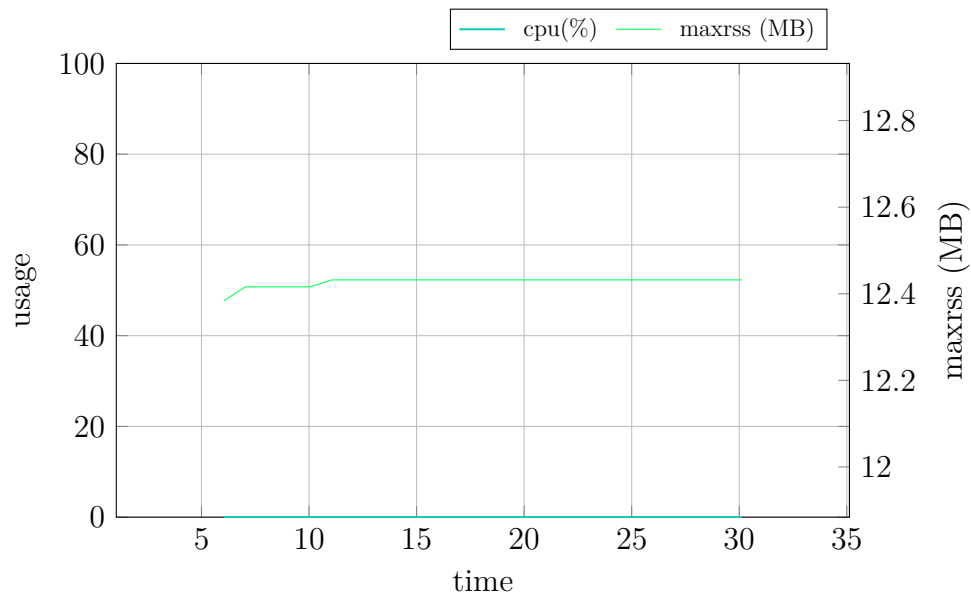


# Performance cyclonedds

Logfile name	33a746a7-366c-4be7-b6ce-d2d0ec010815.csv
Experiment id	0ce1738e-5a0d-482a-8264-76e4e075c931
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	
Publishing rate	500
Topic name	Array16k
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	1.0039
received	499.4
sent	499.36
lost	0.0
relative_loss	0.0
data_received	8199944.28
latency_min (ms)	0.019
latency_max (ms)	0.2197
latency_mean (ms)	0.0477
latency_variance (ms)	0.0
pub_loop_res_min (ms)	-14.6084
pub_loop_res_max (ms)	1.971
pub_loop_res_mean (ms)	-5.828
pub_loop_res_variance (ms)	0.0205
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 (%)	0.0
max_ram_usage (MB)	12.43

## 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