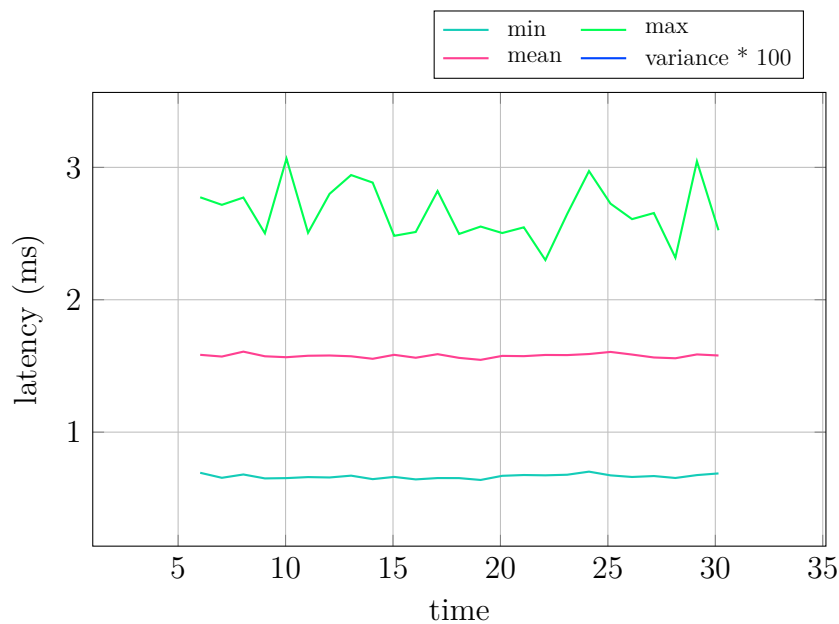
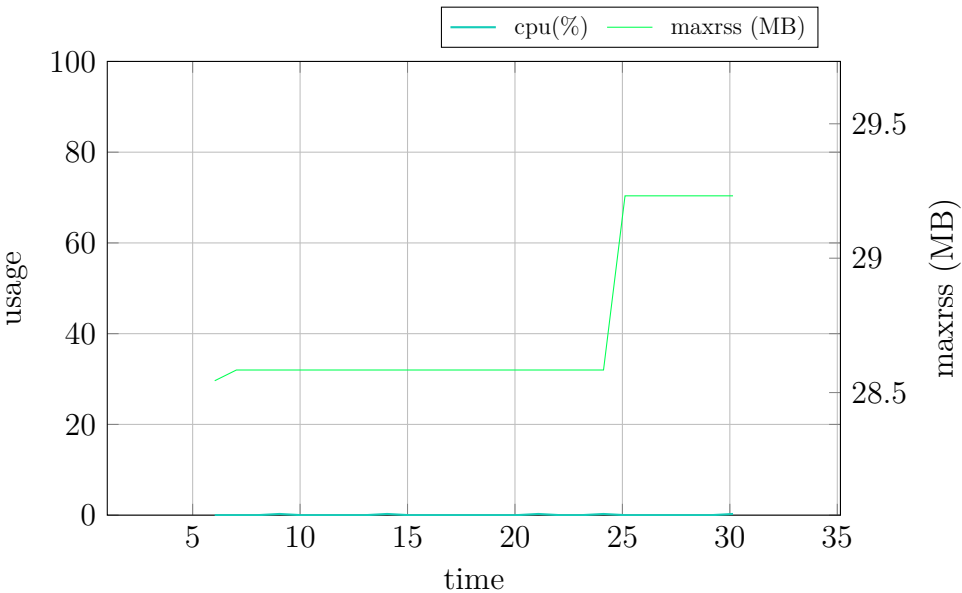


Performance cyclonedds

Logfile name	1dbf5020-9471-40c3-b21c-950b3a4b44b6.csv
Experiment id	61eb98f9-db6b-412d-940b-bdbeeb673407
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	
Publishing rate	500
Topic name	Array2m
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	1.005
received	499.52
sent	499.48
lost	0.0
relative_loss	0.0
data_received	1048601854.04
latency_min (ms)	0.6655
latency_max (ms)	2.6672
latency_mean (ms)	1.5765
latency_variance (ms)	0.0002
pub_loop_res_min (ms)	-12.25
pub_loop_res_max (ms)	1.6078
pub_loop_res_mean (ms)	-4.5861
pub_loop_res_variance (ms)	0.0128
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 (%)	0.0518
max_ram_usage (MB)	29.23

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Array2m
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