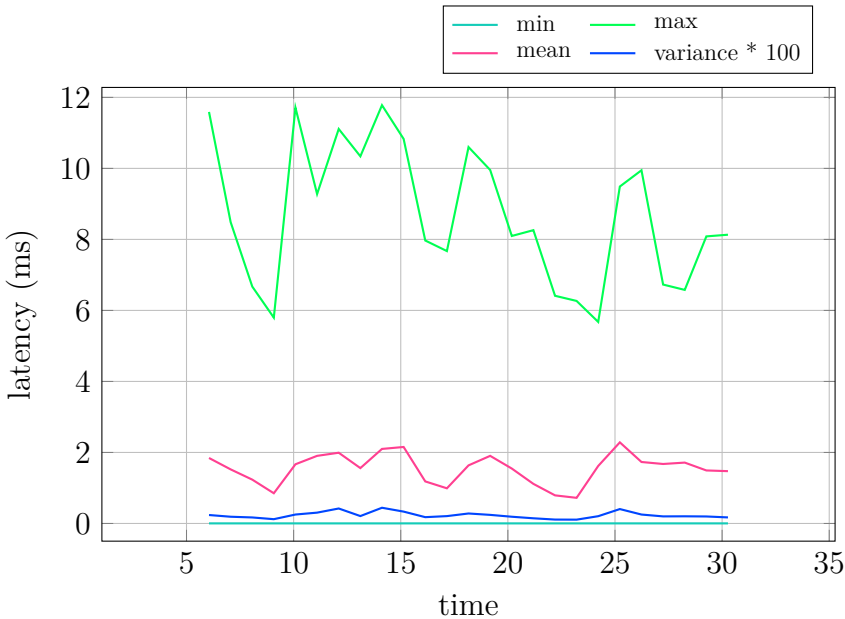
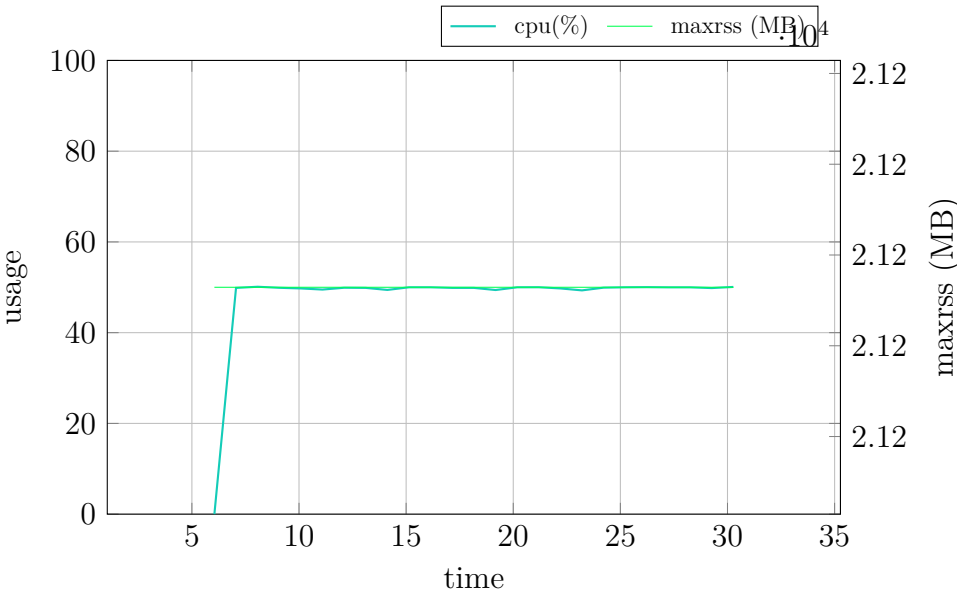


Performance cyclonedds

Logfile name	7a2ef4a3-6e4f-4acb-a3b0-eee4ec3d5bf3.csv
Experiment id	2ab1c24f-959d-4140-a552-6df74233c639
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	0
Topic name	Struct16
Number of publishers	1
Number of subscribers	10
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0093
received	146924.6
sent	29012.6
lost	143198.16
relative_loss	4.8108
data_received	4701744.92
latency_min (ms)	0.002
latency_max (ms)	8.6983
latency_mean (ms)	1.5481
latency_variance (ms)	0.0023
pub_loop_res_min (ms)	-18276.12
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4612000000000.0
pub_loop_res_variance (ms)	2.127e+22
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 (%)	47.8552
max_ram_usage (MB)	21151.74

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Struct16
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