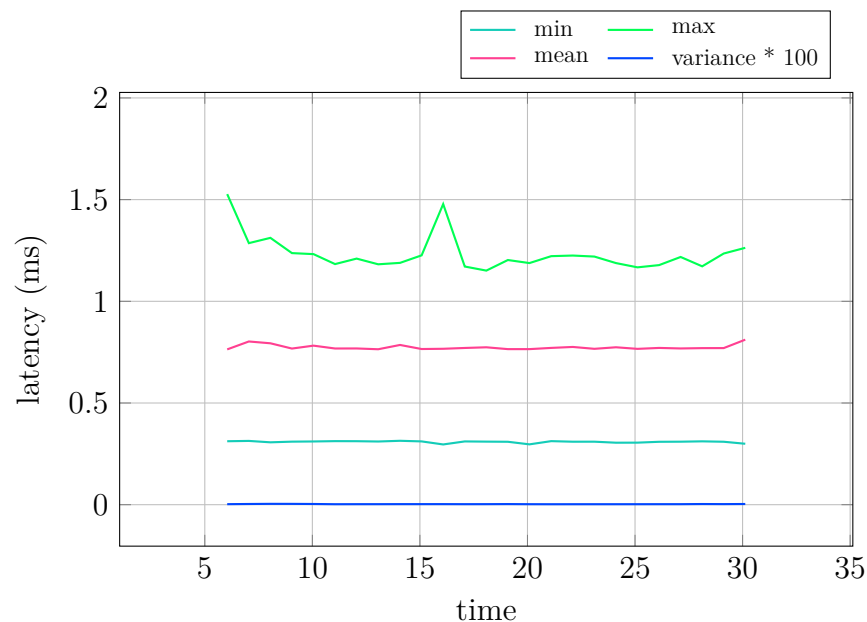
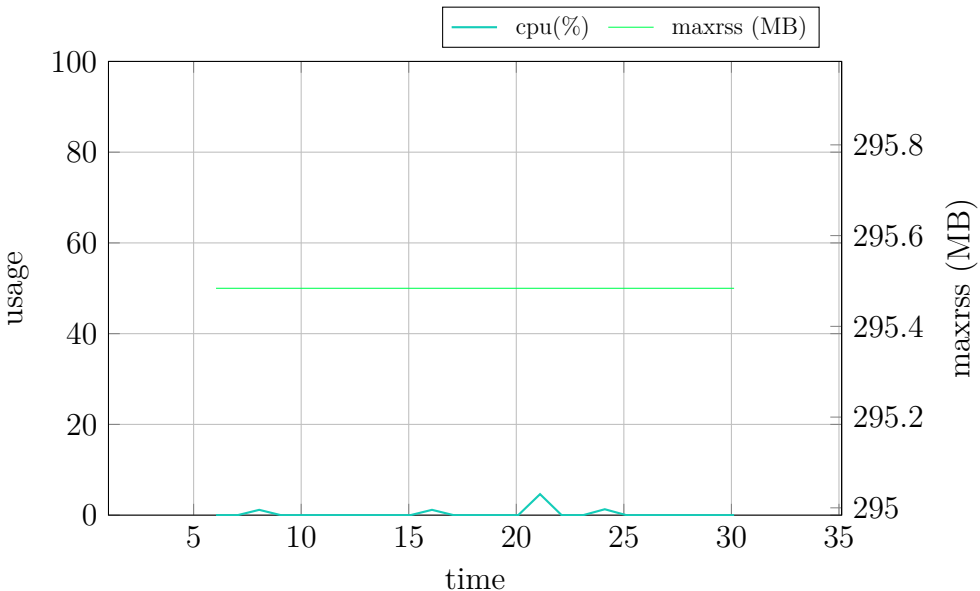


Performance cyclonedds

Logfile name	f18359c6-92ba-4134-a887-b89bdf0c0d55.csv
Experiment id	b8f7af78-629b-4751-b069-39857890b219
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	1
Number of subscribers	10
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0038
received	4992.8
sent	499.32
lost	0.0
relative_loss	0.0
data_received	338623257.32
latency_min (ms)	0.3088
latency_max (ms)	1.2345
latency_mean (ms)	0.7738
latency_variance (ms)	0.0
pub_loop_res_min (ms)	-11.9628
pub_loop_res_max (ms)	1.531
pub_loop_res_mean (ms)	-4.5322
pub_loop_res_variance (ms)	0.0122
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 (%)	0.3305
max_ram_usage (MB)	295.48

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