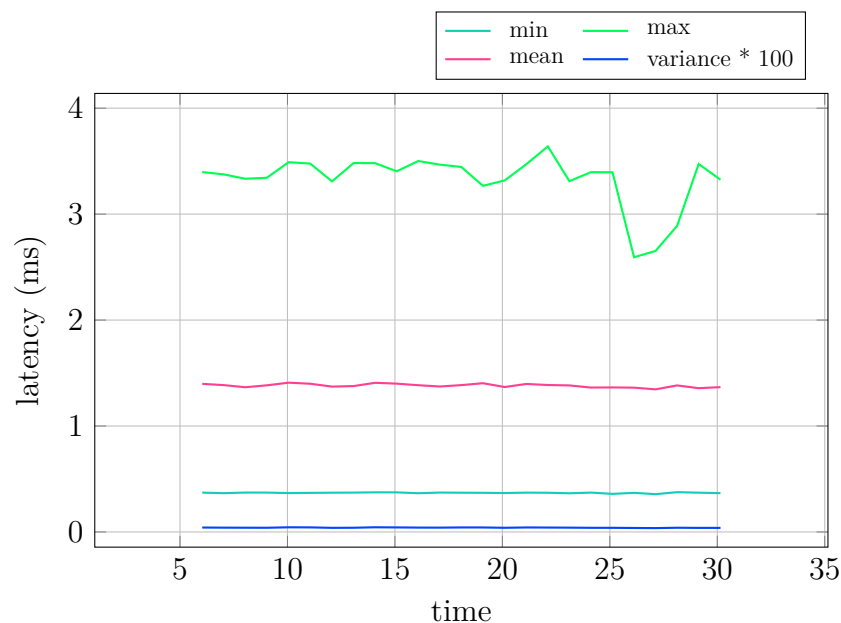
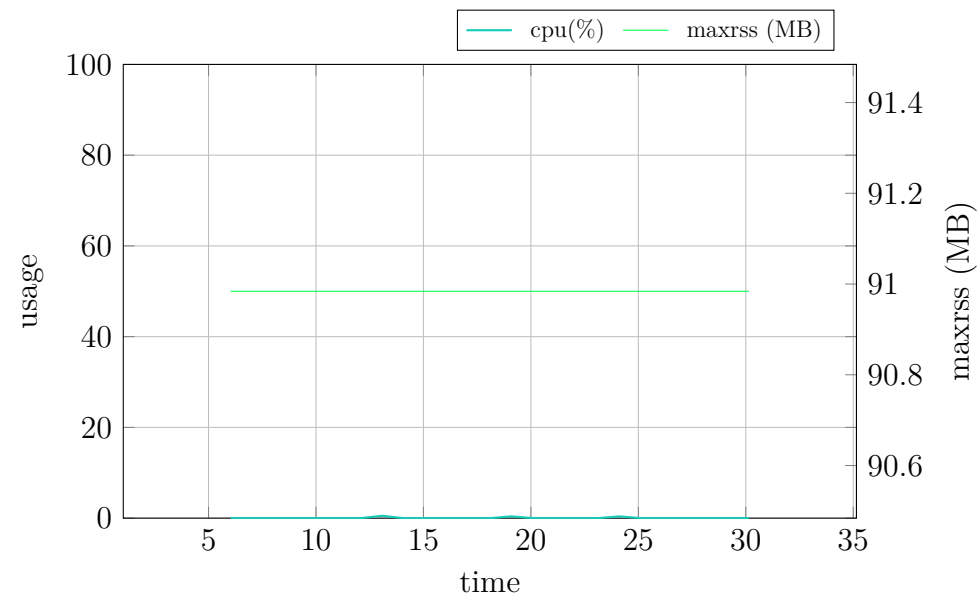


Performance cyclonedds

Logfile name	3bc6c4d1-a8f4-4d94-bd97-8a28a155ece3.csv
Experiment id	10f26176-7d71-4440-aaea-e90b607198c2
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	3
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0047
received	1498.32
sent	0.0
lost	0.0
data_received	101585836.0
latency_min (ms)	0.3691
latency_max (ms)	3.3294
latency_mean (ms)	1.381
latency_variance (ms)	0.0004
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 (%)	0.0518
max_ram_usage (MB)	90.98

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