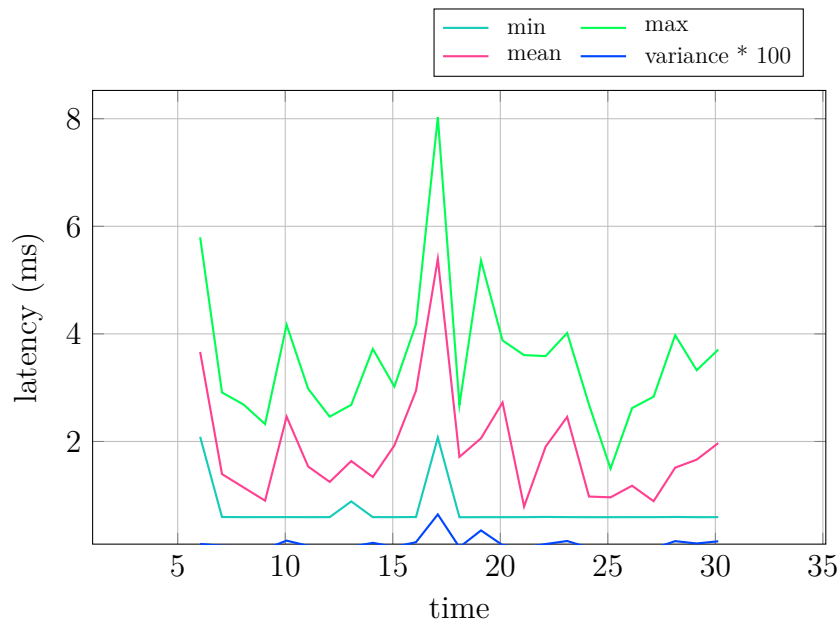
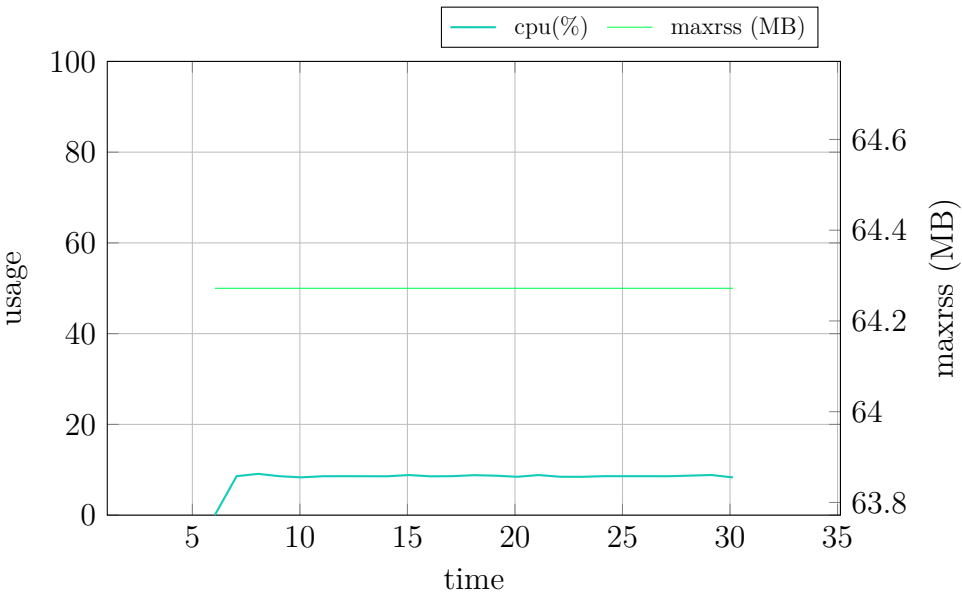


Performance cyclonedds

Logfile name	397077d0-53be-48f1-91fc-c5d5ea1e0740.csv
Experiment id	9020db0f-8139-4c24-8d62-f7d85620f0b8
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	0
Publishing rate	Struct32k
Topic name	1
Number of publishers	1
Number of subscribers	30
Maximum runtime (sec)	0
DDS domain id	-
Single participant	

average results

Experiment Status	success
T_loop	1.0038
received	3357.52
sent	3356.92
lost	0.0
relative_loss	0.0
data_received	227430082.12
latency_min (ms)	0.7242
latency_max (ms)	3.5489
latency_mean (ms)	1.8551
latency_variance (ms)	0.001
pub_loop_res_min (ms)	-18096.0
pub_loop_res_max (ms)	922300000000.0
pub_loop_res_mean (ms)	461172000000.0
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 (%)	8.2702
max_ram_usage (MB)	64.27

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