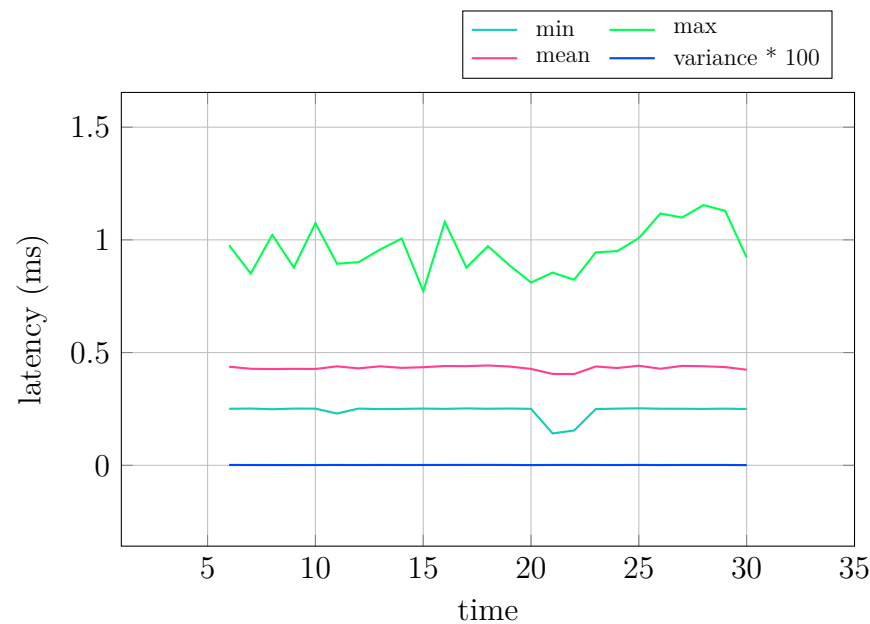
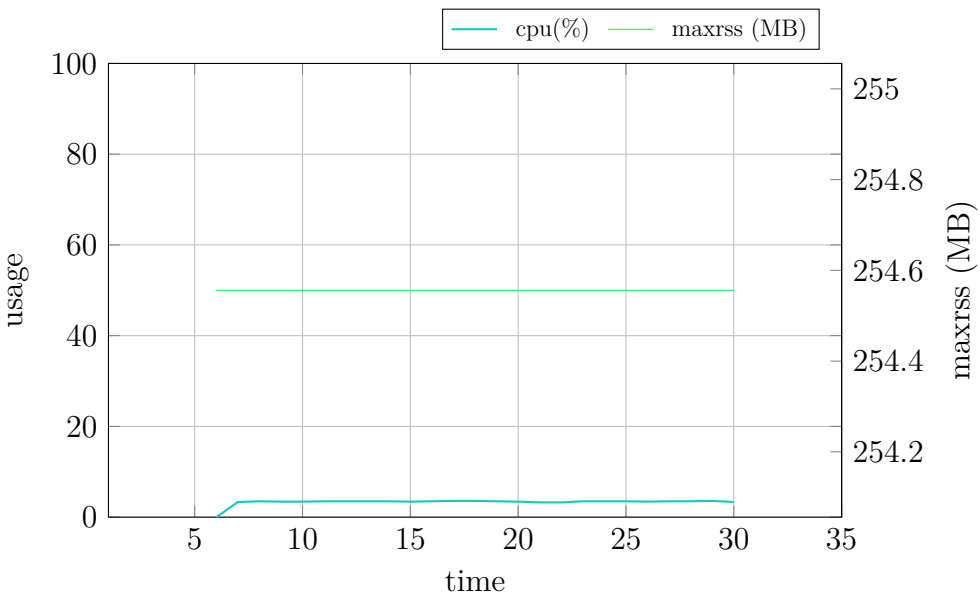


Performance cyclonedds

Logfile name	027e6944-e631-4005-bf2c-0503df308e67.csv
Experiment id	f4047ef2-8c86-40d4-b27d-eea6ea9d8c3c
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2113db4
Publishing rate	100
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	1.0001
received	990.0
sent	99.0
lost	0.0
relative_loss	0.0
data_received	67720279.0
latency_min (ms)	0.2418
latency_max (ms)	0.9584
latency_mean (ms)	0.4321
latency_variance (ms)	0.0
pub_loop_res_min (ms)	9.8246
pub_loop_res_max (ms)	9.895
pub_loop_res_mean (ms)	9.8684
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 (%)	3.3193
max_ram_usage (MB)	254.56

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