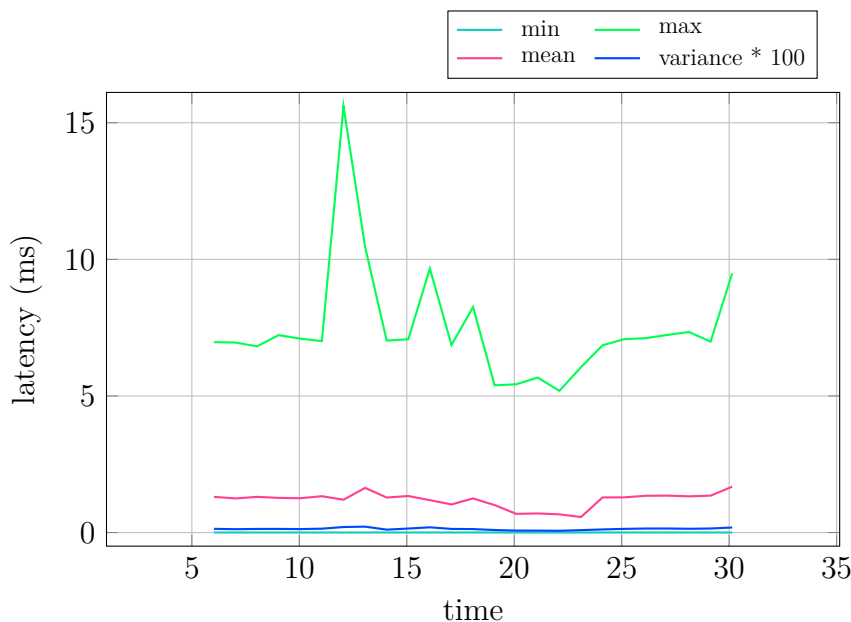
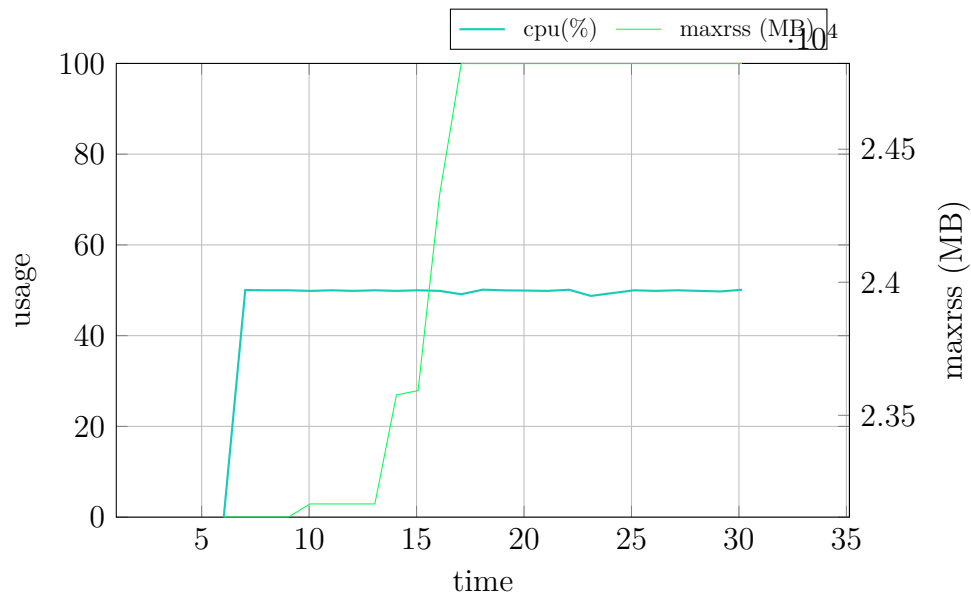


Performance cyclonedds

Logfile name	eb37e656-936e-42fe-be1f-e9749b10e612.csv
Experiment id	ba951351-8db7-46c4-935f-18ce6eaa97e5
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	0
Topic name	Array16k
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	1.0047
received	169226.68
sent	35157.28
lost	182681.72
relative_loss	5.1356
data_received	2775395890.28
latency_min (ms)	0.0027
latency_max (ms)	7.4744
latency_mean (ms)	1.1955
latency_variance (ms)	0.0013
pub_loop_res_min (ms)	-18199.88
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 (%)	47.8588
max_ram_usage (MB)	24821.76

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Array16k
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