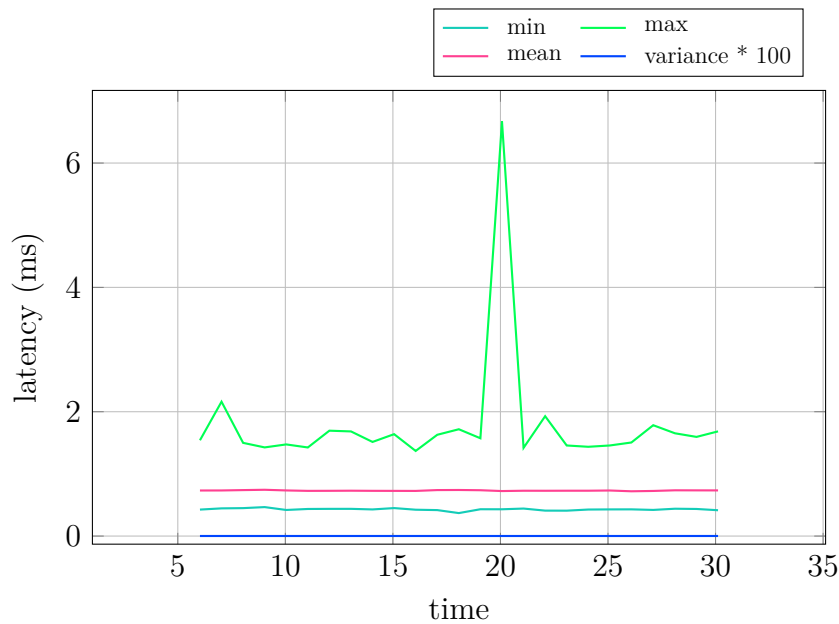
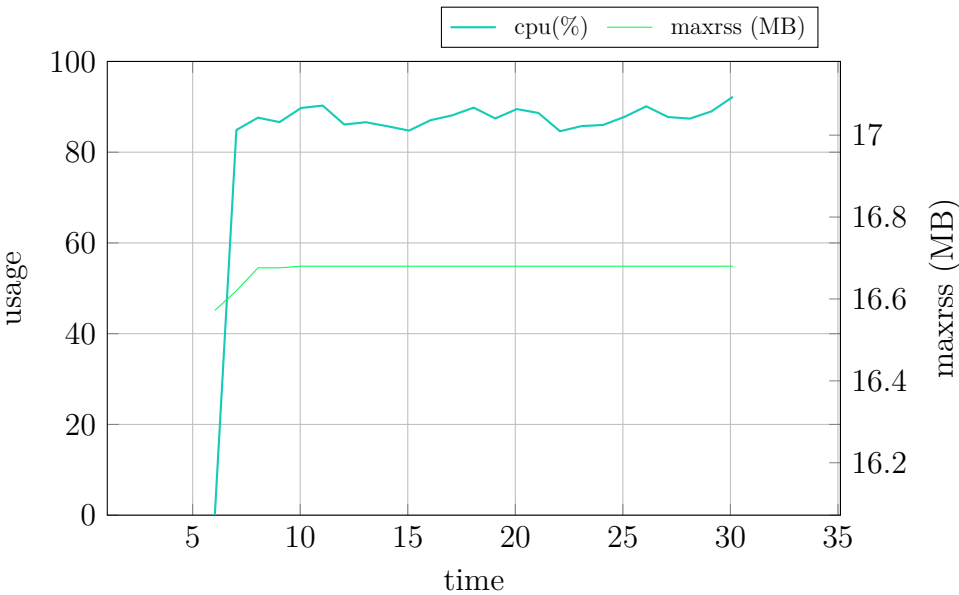


Performance cyclonedds

Logfile name	36c38519-c412-4bb9-802a-249cf4f7307c.csv
Experiment id	4b700c34-10be-40cc-bd65-e49091bec01f
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	0
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	1.0035
received	560350.68
sent	138014.36
lost	819787.96
relative_loss	5.9396
data_received	9189829734.44
latency_min (ms)	0.429
latency_max (ms)	1.7972
latency_mean (ms)	0.7316
latency_variance (ms)	0.0
pub_loop_res_min (ms)	-18086.08
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 (%)	84.142
max_ram_usage (MB)	16.68

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