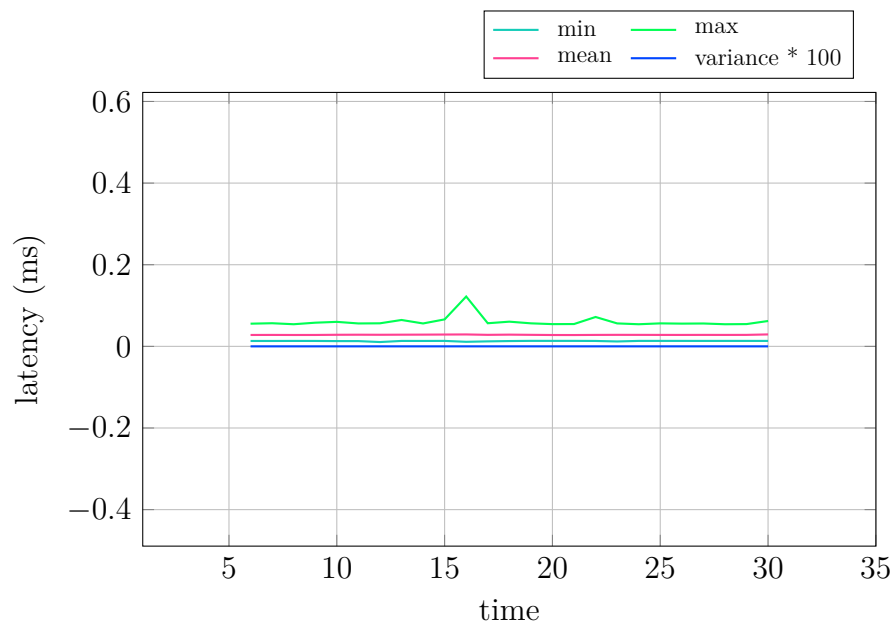
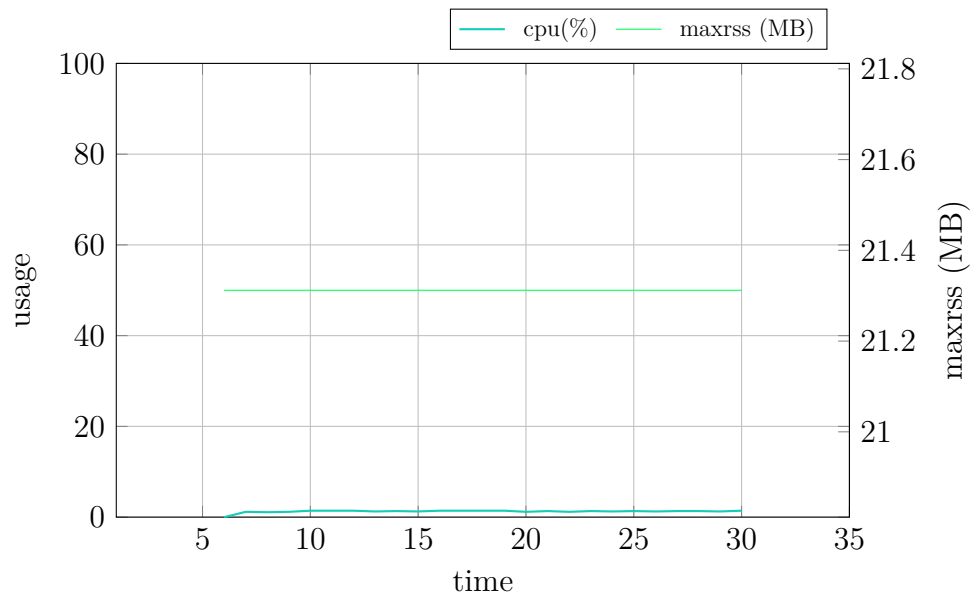


Performance cyclonedds

Logfile name	7ad709db-ab02-4f63-b575-9e2c458ccf7e.csv
Experiment id	fd2c25aa-2478-4055-92d2-64651ca75dbe
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2113db4
Publishing rate	500
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	1.0001
received	4990.52
sent	499.04
lost	0.0
relative_loss	0.0
data_received	82001173.48
latency_min (ms)	0.013
latency_max (ms)	0.0604
latency_mean (ms)	0.0283
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.8945
pub_loop_res_max (ms)	1.9226
pub_loop_res_mean (ms)	1.9171
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 (%)	1.2529
max_ram_usage (MB)	21.31

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