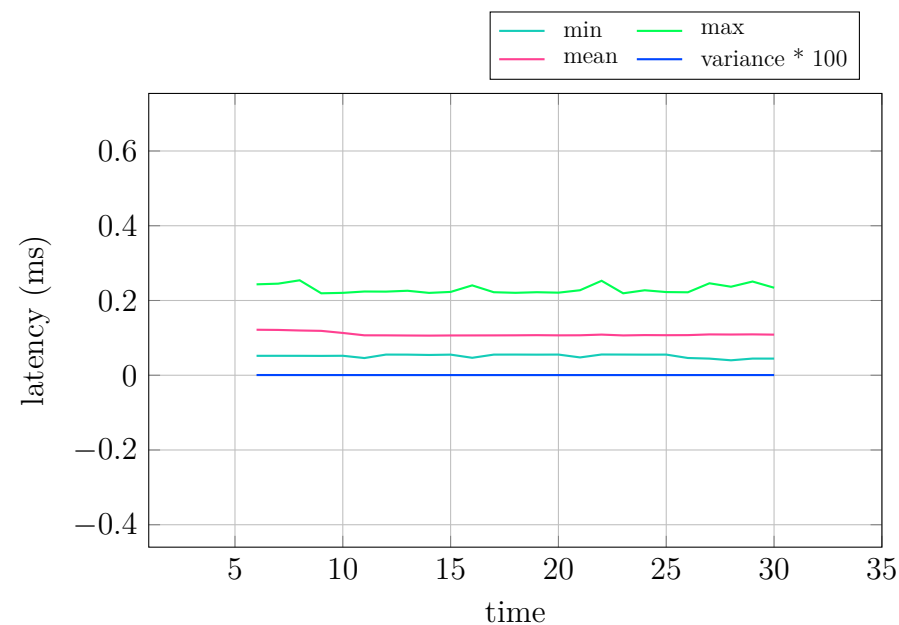
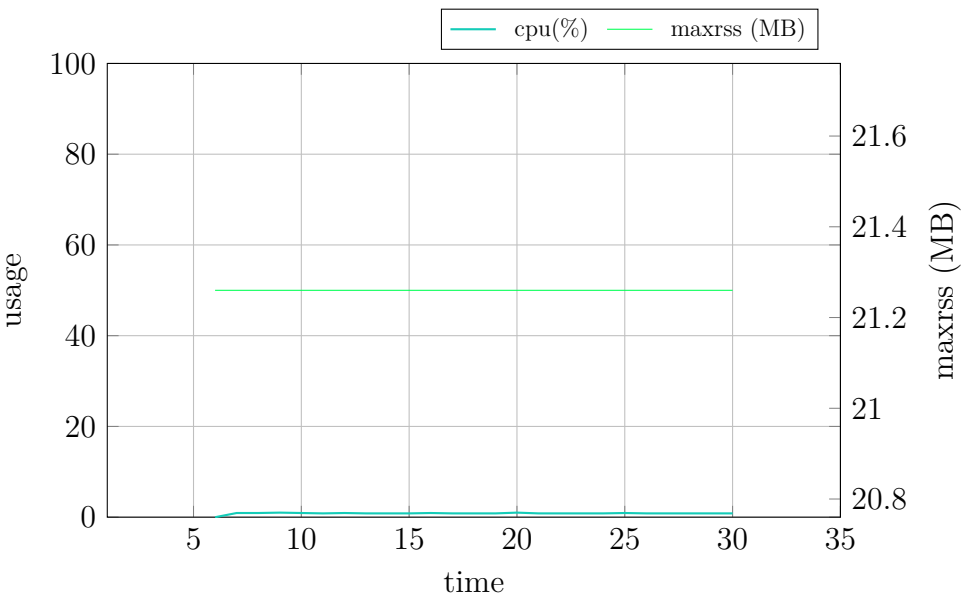


Performance cyclonedds

Logfile name	ea11186e-2b5a-4899-9992-5567cf2c010d.csv
Experiment id	428c9b93-1324-41f8-b7e7-1afc2e7896ea
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2113db4
Publishing rate	100
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	990.4
sent	99.0
lost	0.0
relative_loss	0.0
data_received	16404867.32
latency_min (ms)	0.0512
latency_max (ms)	0.2305
latency_mean (ms)	0.1096
latency_variance (ms)	0.0
pub_loop_res_min (ms)	9.8704
pub_loop_res_max (ms)	9.9033
pub_loop_res_mean (ms)	9.881
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 (%)	0.8328
max_ram_usage (MB)	21.26

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