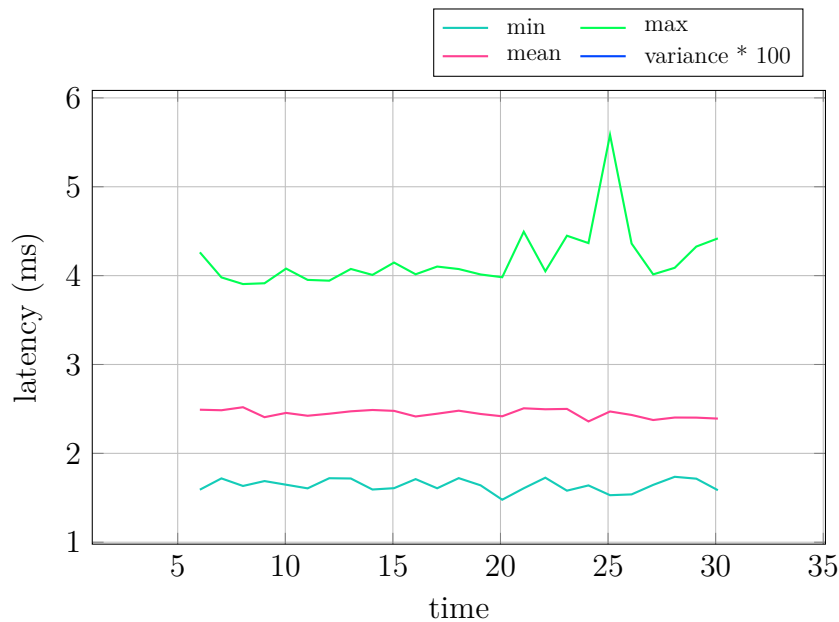
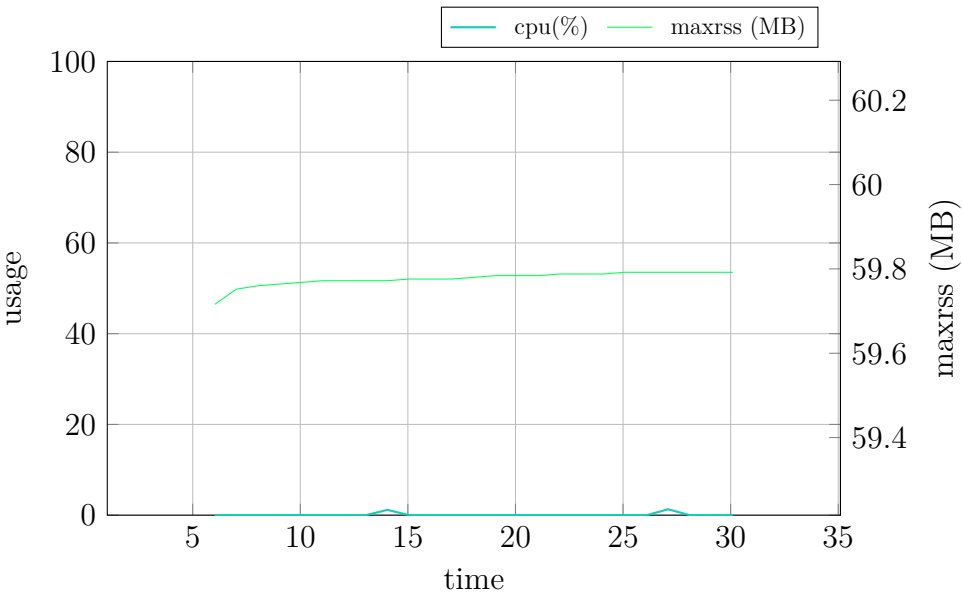


Performance cyclonedds

Logfile name	1c21e705-df82-4e83-ab6c-e15dc5655524.csv
Experiment id	bb53563e-f631-4ece-bdf1-5a9c12cdc6b0
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	
Publishing rate	20
Topic name	Array2m
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	1.0029
received	190.8
sent	19.04
lost	0.0
relative_loss	0.0
data_received	419850173.04
latency_min (ms)	1.6391
latency_max (ms)	4.1841
latency_mean (ms)	2.4481
latency_variance (ms)	0.0002
pub_loop_res_min (ms)	34.0936
pub_loop_res_max (ms)	48.3388
pub_loop_res_mean (ms)	41.2012
pub_loop_res_variance (ms)	0.0203
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 (%)	0.0986
max_ram_usage (MB)	59.79

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Array2m
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