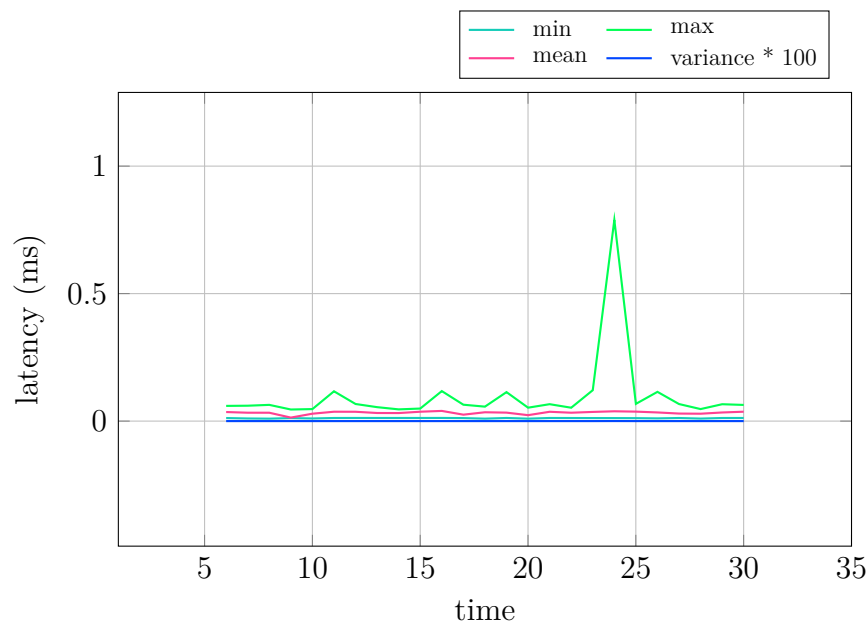
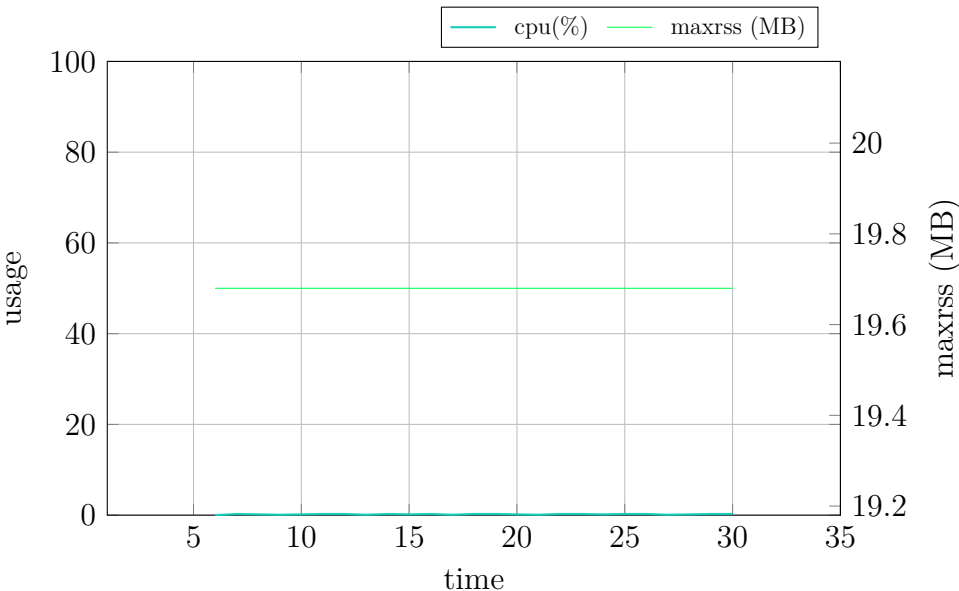


Performance cyclonedds

Logfile name	b7cb285b-5a90-4b46-8f56-6860e41d42f7.csv
Experiment id	5053852b-bb70-4964-b522-78f353f7de5a
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	1
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0001
received	499.08
sent	499.08
lost	0.0
relative_loss	0.0
data_received	8200248.28
latency_min (ms)	0.0115
latency_max (ms)	0.0988
latency_mean (ms)	0.0327
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.8805
pub_loop_res_max (ms)	1.9452
pub_loop_res_mean (ms)	1.94
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 (%)	0.1862
max_ram_usage (MB)	19.68

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