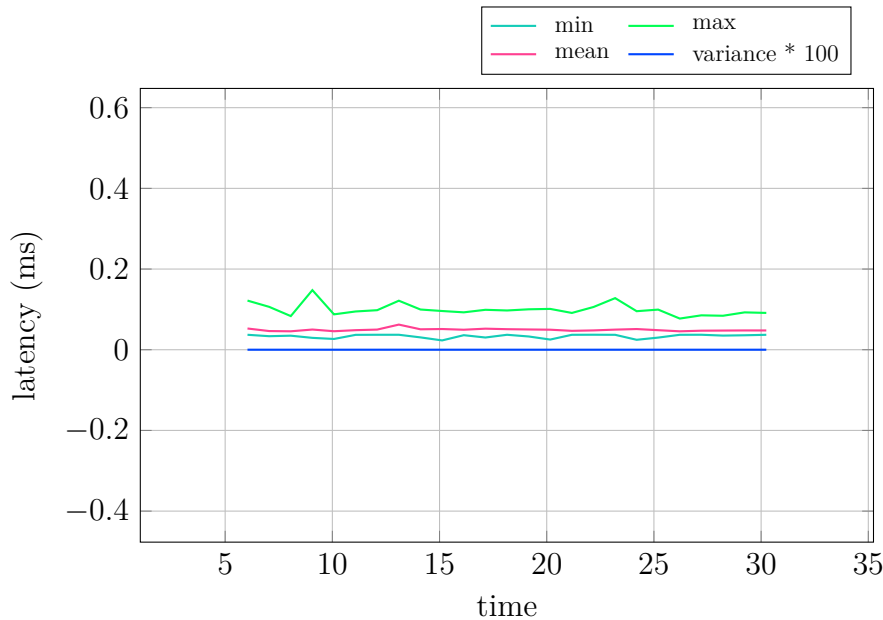
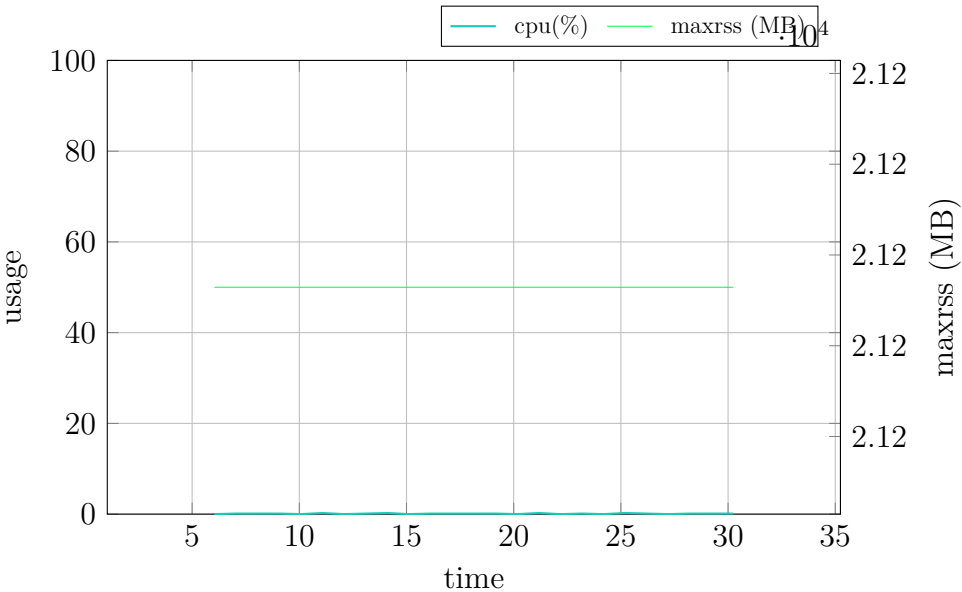


Performance cyclonedds

Logfile name	a6e1149c-af20-4db5-864e-fc052d1ef34a.csv
Experiment id	bc4115fb-bcfb-4131-b0b2-8ac31e35e628
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	100
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	1.0078
received	99.4
sent	99.36
lost	0.0
relative_loss	0.0
data_received	1640623.56
latency_min (ms)	0.0334
latency_max (ms)	0.0999
latency_mean (ms)	0.0494
latency_variance (ms)	0.0
pub_loop_res_min (ms)	5.3384
pub_loop_res_max (ms)	9.3966
pub_loop_res_mean (ms)	6.6998
pub_loop_res_variance (ms)	0.0003
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 (%)	0.104
max_ram_usage (MB)	21151.74

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