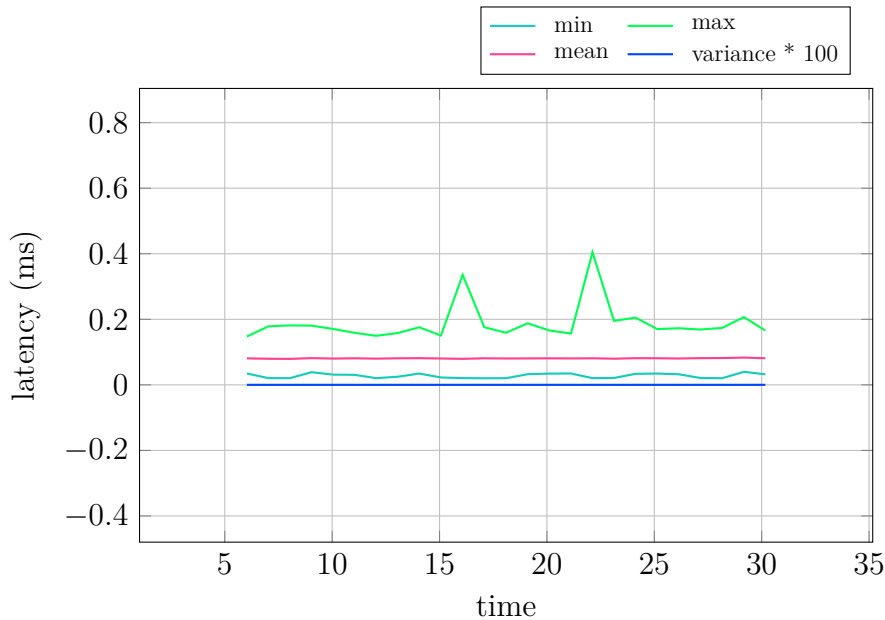
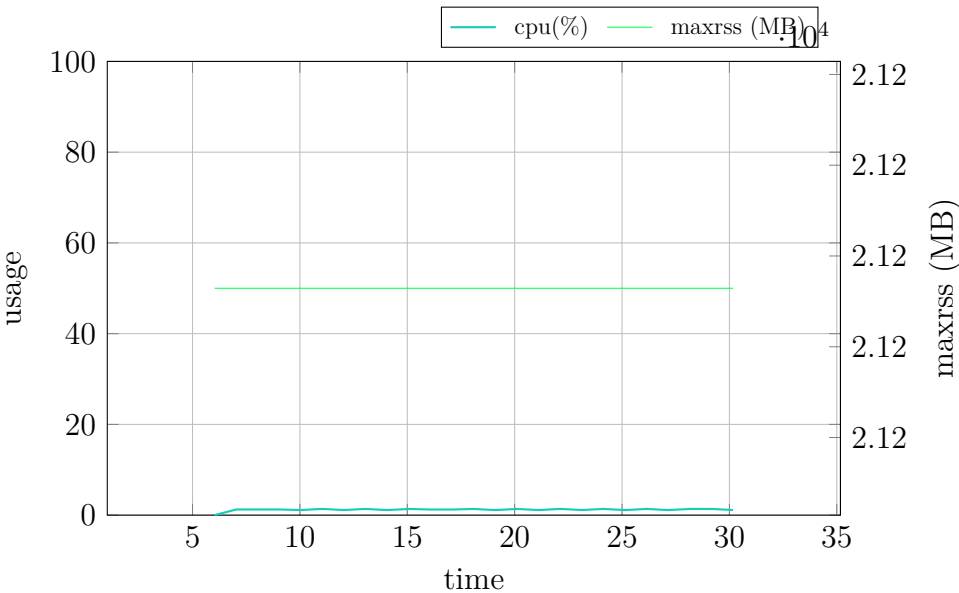


Performance cyclonedds

Logfile name	748cc2e3-42e9-48c5-9176-f2fd6570d961.csv
Experiment id	6f60b9eb-a926-48f0-b981-caee04a31808
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	500
Topic name	Array16k
Number of publishers	1
Number of subscribers	3
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0058
received	1498.2
sent	499.36
lost	0.0
relative_loss	0.0
data_received	24601590.08
latency_min (ms)	0.0278
latency_max (ms)	0.1878
latency_mean (ms)	0.0808
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.0782
pub_loop_res_max (ms)	1.4953
pub_loop_res_mean (ms)	1.3046
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 (%)	1.1982
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