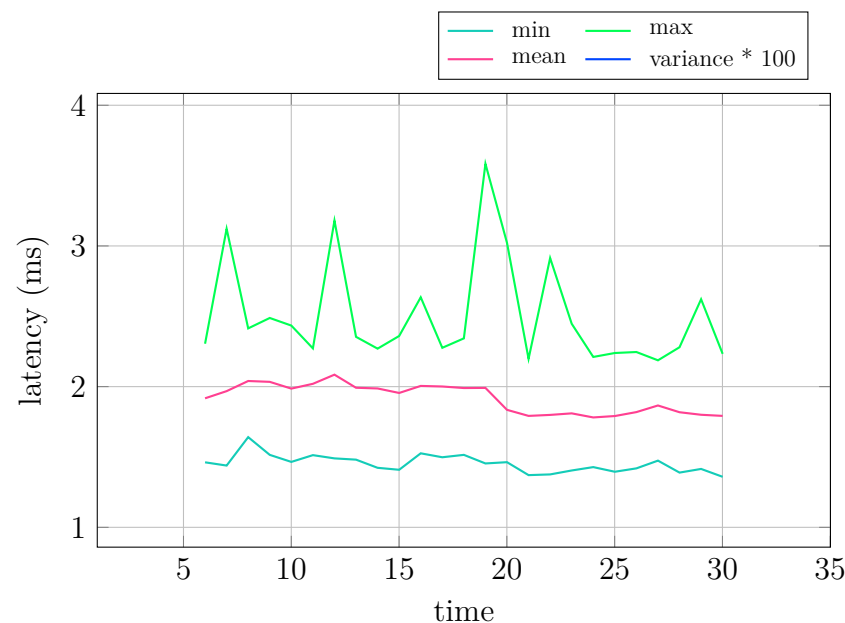
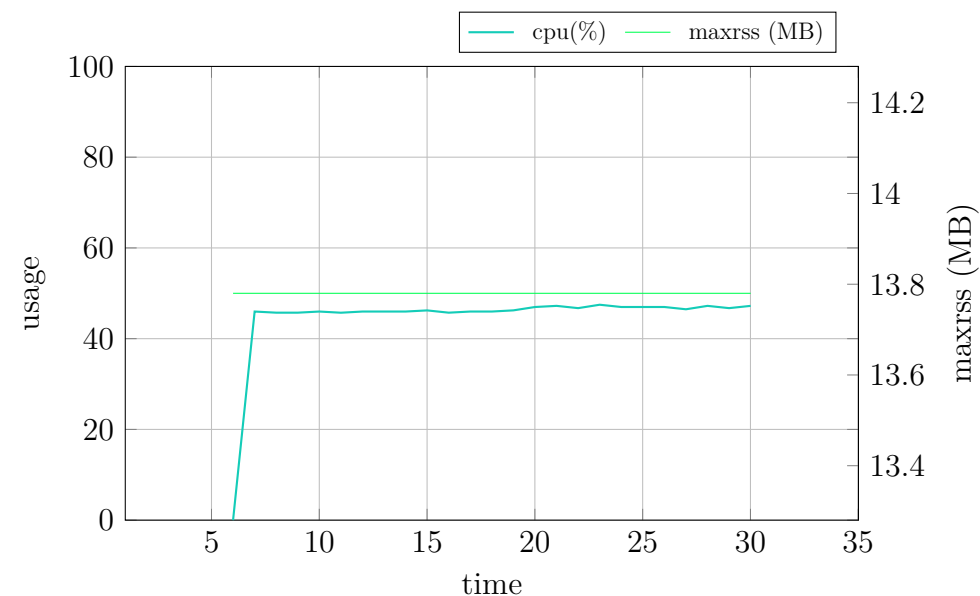


Performance cyclonedds

Logfile name	d57cee0d-1ec6-4769-a7cd-27081609fa19.csv
Experiment id	0817b05c-8086-43cc-b957-e8ae9bb0261f
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2113db4
Publishing rate	0
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	23315.04
sent	52997.84
lost	29682.04
relative_loss	0.5596
data_received	382376117.6
latency_min (ms)	1.453
latency_max (ms)	2.5054
latency_mean (ms)	1.915
latency_variance (ms)	0.0
pub_loop_res_min (ms)	-18012.96
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4612000000000.0
pub_loop_res_variance (ms)	2.127e+22
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 (%)	44.5708
max_ram_usage (MB)	13.78

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