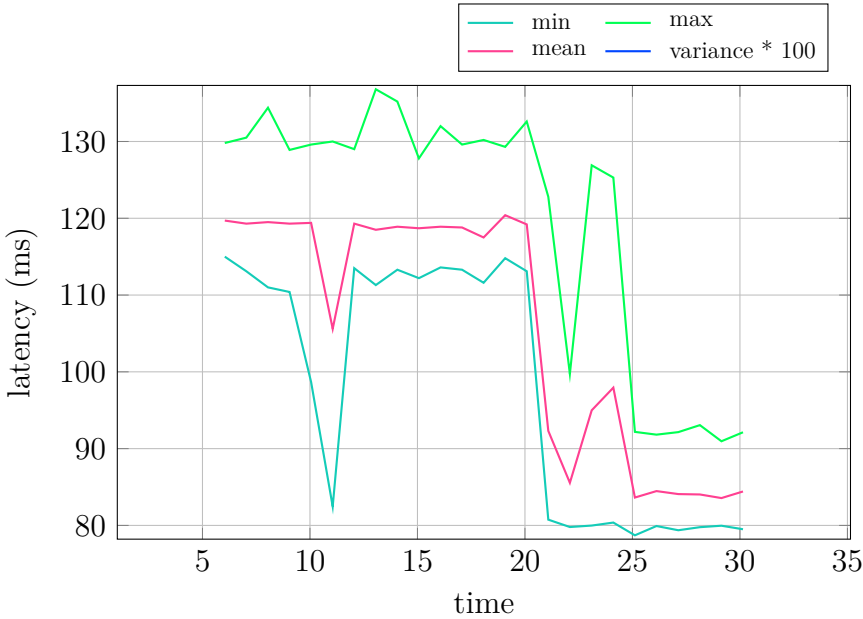
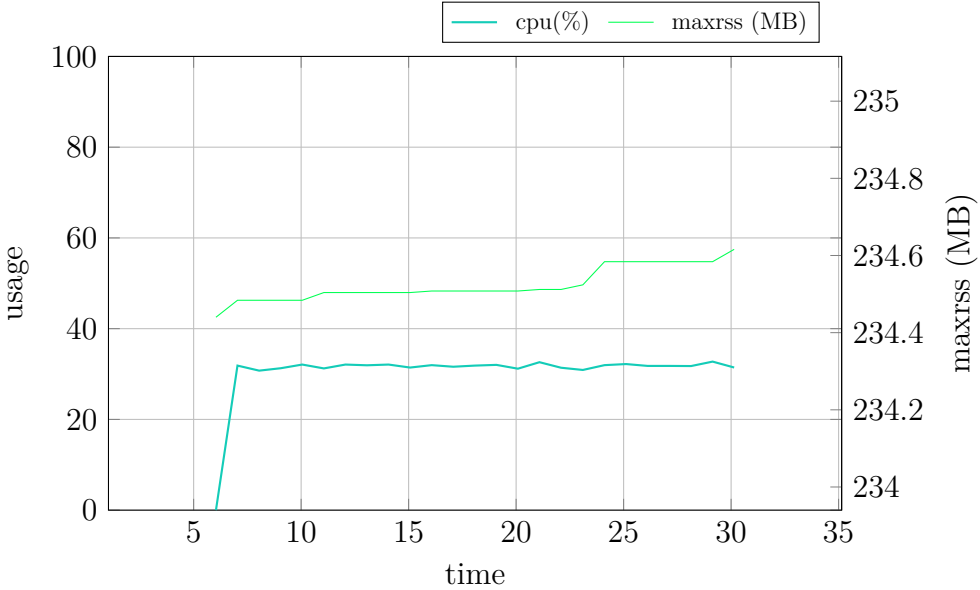


Performance cyclonedds

Logfile name	513b1d16-3f95-4f13-a4d1-46a32d311a05.csv
Experiment id	4f74d624-1469-4452-8971-531e9db7a3cf
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getusage](#))

test setup

Performance Test Version	0
Publishing rate	Array2m
Topic name	1
Number of publishers	3
Number of subscribers	30
Maximum runtime (sec)	0
DDS domain id	-
Single participant	

average results

Experiment Status	success
T_loop	1.0042
received	2603.68
sent	972.68
lost	312.4
relative_loss	0.31
data_received	5462900392.0
latency_min (ms)	97.818
latency_max (ms)	119.7092
latency_mean (ms)	105.9192
latency_variance (ms)	0.0526
pub_loop_res_min (ms)	-18091.92
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4611720000000.0
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 (%)	30.4788
max_ram_usage (MB)	234.62

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