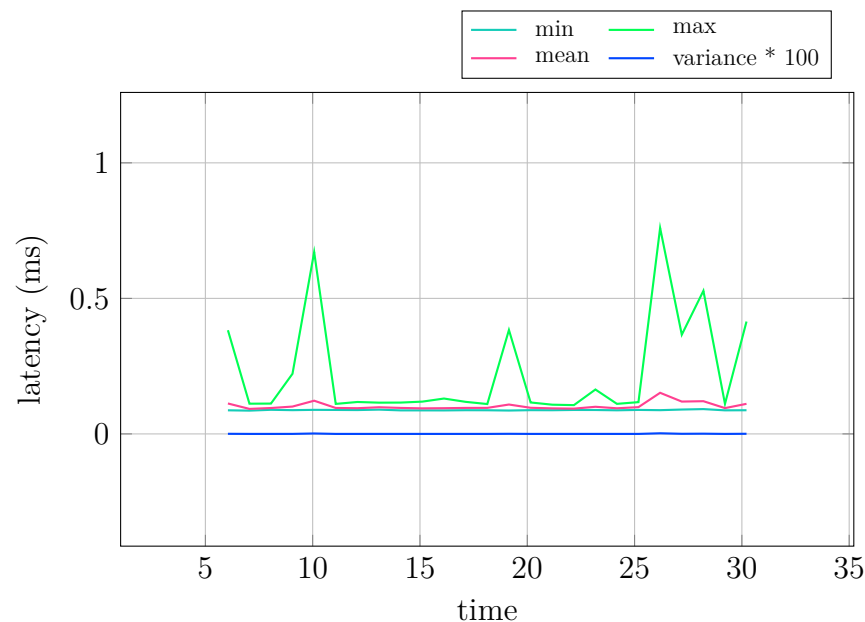
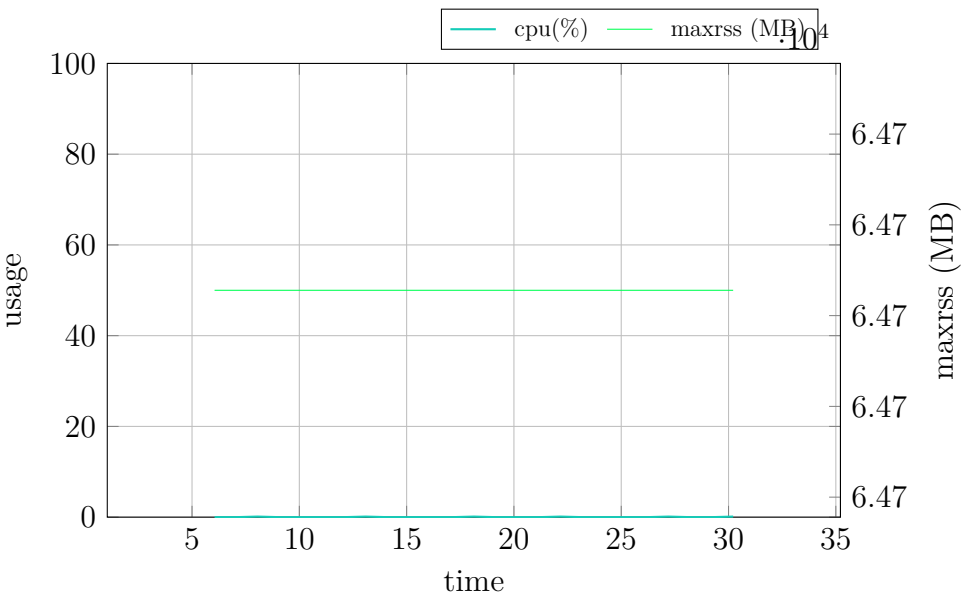


Performance cyclonedds

Logfile name	c8cabfd8-6651-4d06-8e82-5048a837c8d1.csv
Experiment id	e1a53817-a2d3-4827-806d-a85d9aee9a18
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	20
Topic name	Struct32k
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	1.0069
received	19.16
sent	19.16
lost	0.0
relative_loss	0.0
data_received	1356028.24
latency_min (ms)	0.0878
latency_max (ms)	0.2288
latency_mean (ms)	0.1029
latency_variance (ms)	0.0
pub_loop_res_min (ms)	39.9252
pub_loop_res_max (ms)	49.004
pub_loop_res_mean (ms)	43.1404
pub_loop_res_variance (ms)	0.0096
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 (%)	0.0298
max_ram_usage (MB)	64667.65

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Struct32k
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