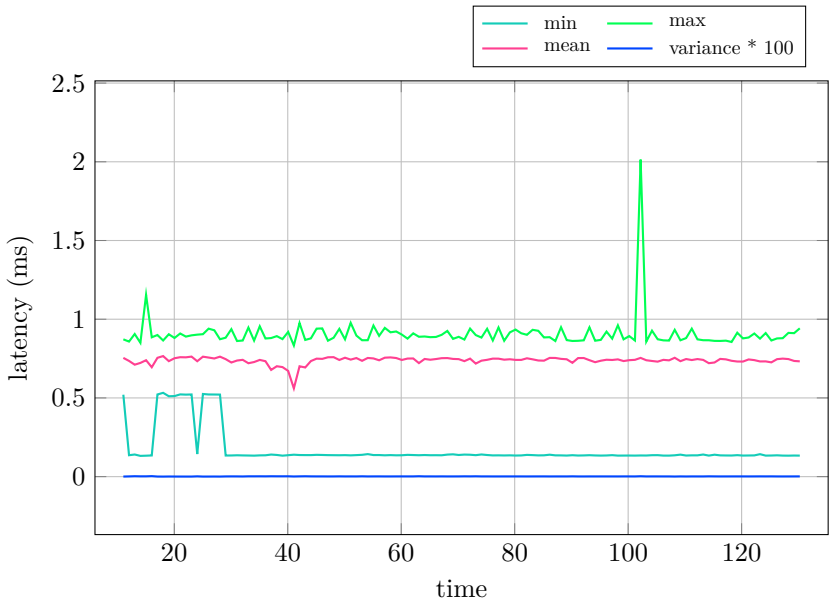
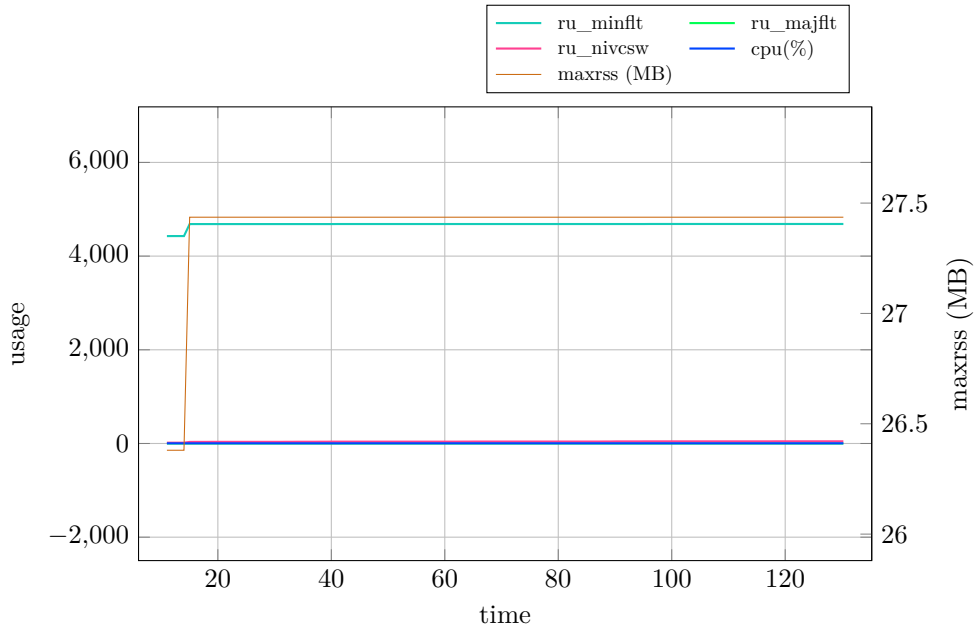
Performance

Logfile name	log_test_topic_01-12-2020_13-09-57
Experiment id	0d6edb96-9f66-4a50-9218-14e749eef75d
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	500
Topic name	test_topic
Number of publishers	1
Number of subscribers	1
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0016
received	499.5
sent	499.5
lost	0.0
relative_loss	0.0
data_received	524294938.2667
latency_min (ms)	0.1746
latency_max (ms)	0.9068
latency_mean (ms)	0.7383
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.3697
pub_loop_res_max (ms)	1.8626
pub_loop_res_mean (ms)	1.5806
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 (%)	3.5112

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array1m
QOS Durability	VOLATILE
QOS History depth	1
QOS History kind	KEEP_LAST
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0