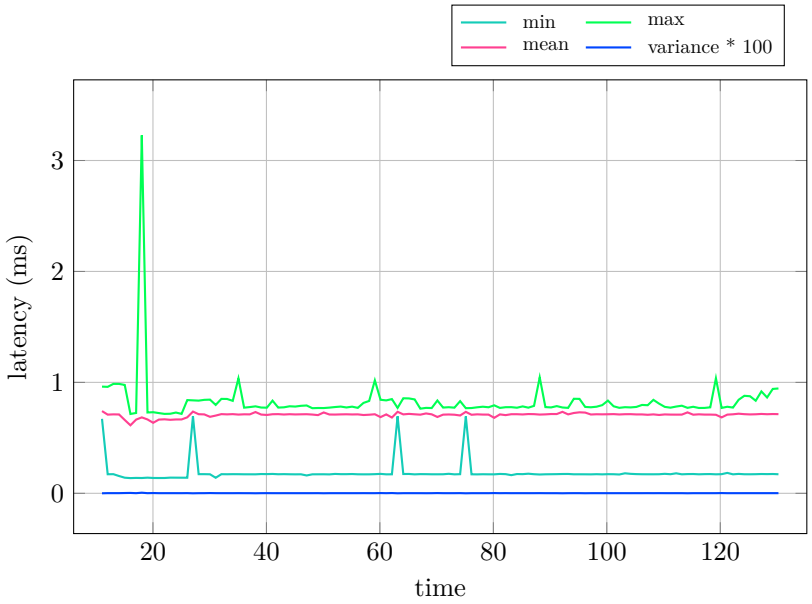
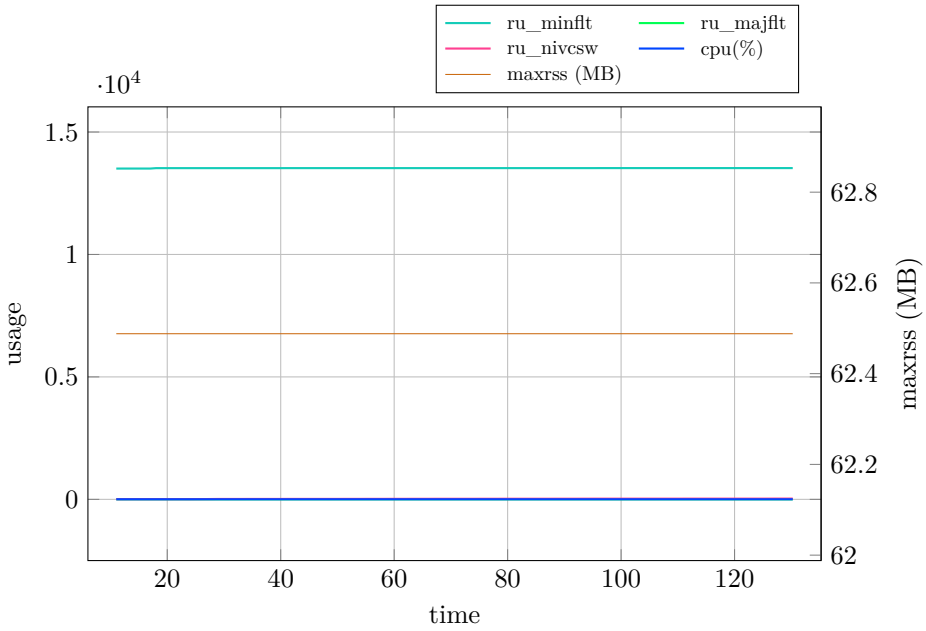
Performance

Logfile name	log_test_topic_01-12-2020_13-21-21
Experiment id	9cebabeb-a0af-4dec-8c67-9bc135f18dbb
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	1.0017
received	499.5
sent	499.5
lost	0.0
relative_loss	0.0
data_received	33864020.95
latency_min (ms)	0.1859
latency_max (ms)	0.8301
latency_mean (ms)	0.7067
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.6001
pub_loop_res_max (ms)	1.907
pub_loop_res_mean (ms)	1.7565
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 (%)	3.3407

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct32k
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