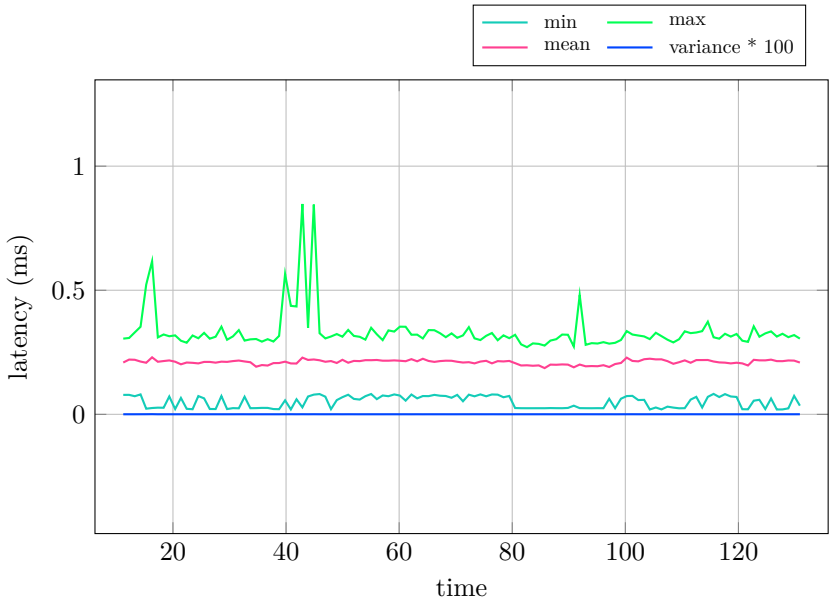
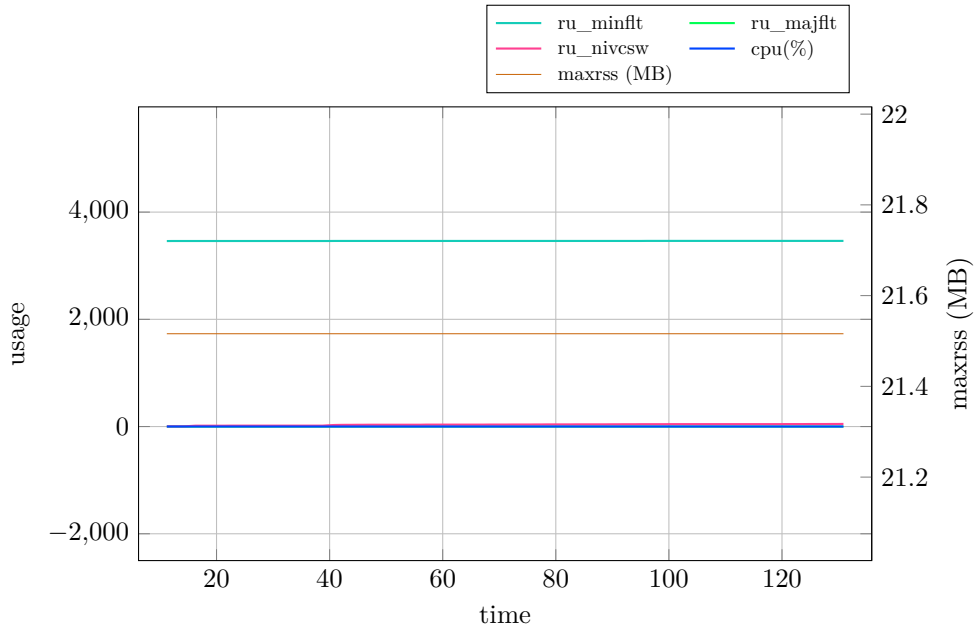
Performance

Logfile name	log_test_topic_29-11-2020_10-59-21
Experiment id	7bb92818-feac-414c-85ac-7ada98fd2fff
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	50
Topic name	test_topic
Number of publishers	1
Number of subscribers	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0224
received	247.4746
sent	49.4831
lost	0.0
relative_loss	0.0
data_received	132004.5254
latency_min (ms)	0.0498
latency_max (ms)	0.3332
latency_mean (ms)	0.2107
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.3946
pub_loop_res_max (ms)	19.8648
pub_loop_res_mean (ms)	19.5018
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 (%)	0.7273

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct256
QOS Durability	VOLATILE
QOS History depth	1000
QOS History kind	KEEP_ALL
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0