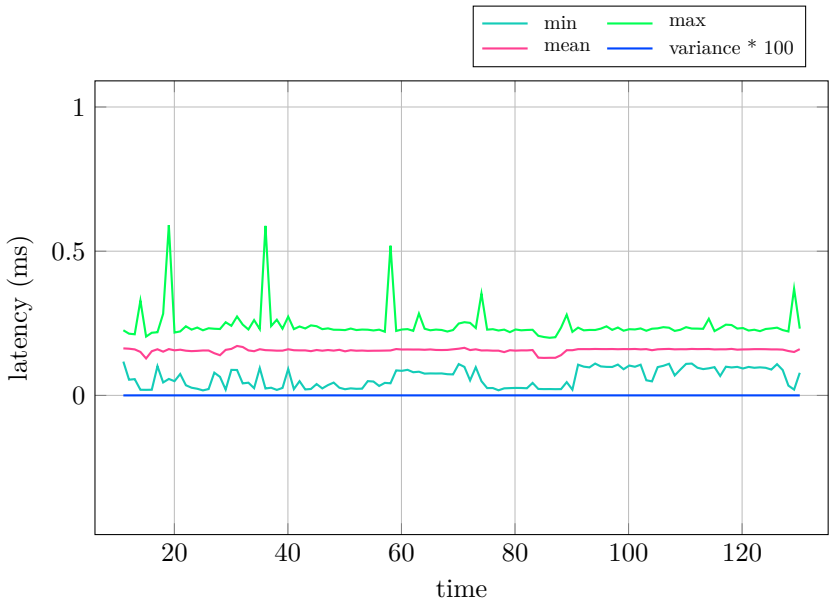
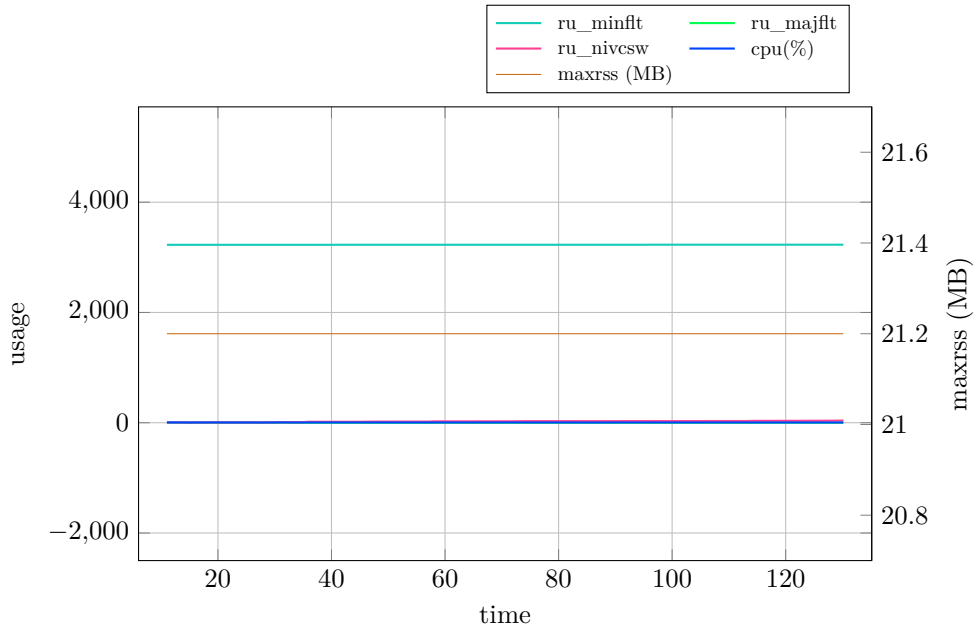
Performance

Logfile name	log_test_topic_27-11-2020_14-25-52
Experiment id	3d9b5a9b-8af7-4caf-8e72-bdcc252cb915
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	1000
Topic name	test_topic
Number of publishers	1
Number of subscribers	3
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0009
received	2998.5417
sent	999.5333
lost	0.0
relative_loss	0.0
data_received	1583993.7917
latency_min (ms)	0.0617
latency_max (ms)	0.2433
latency_mean (ms)	0.1565
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.7298
pub_loop_res_max (ms)	0.9205
pub_loop_res_mean (ms)	0.8384
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 (%)	5.0086

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