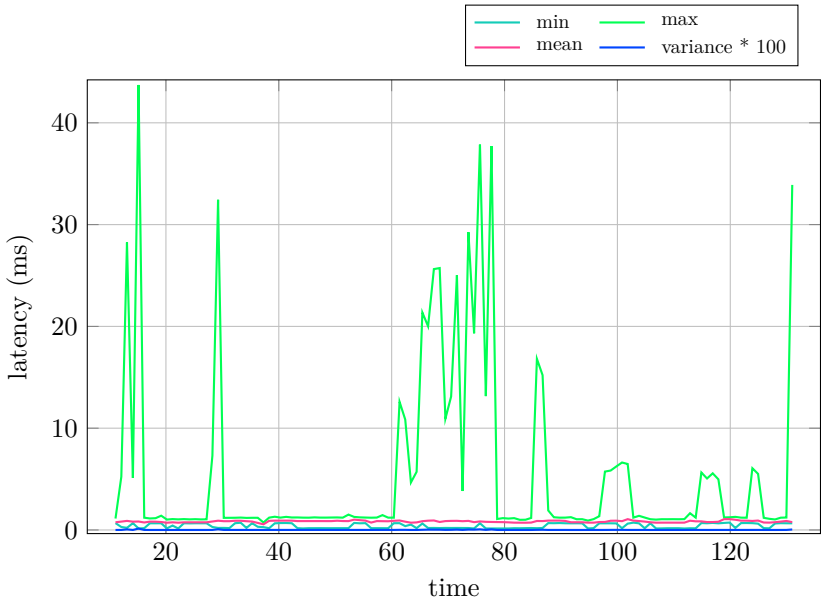
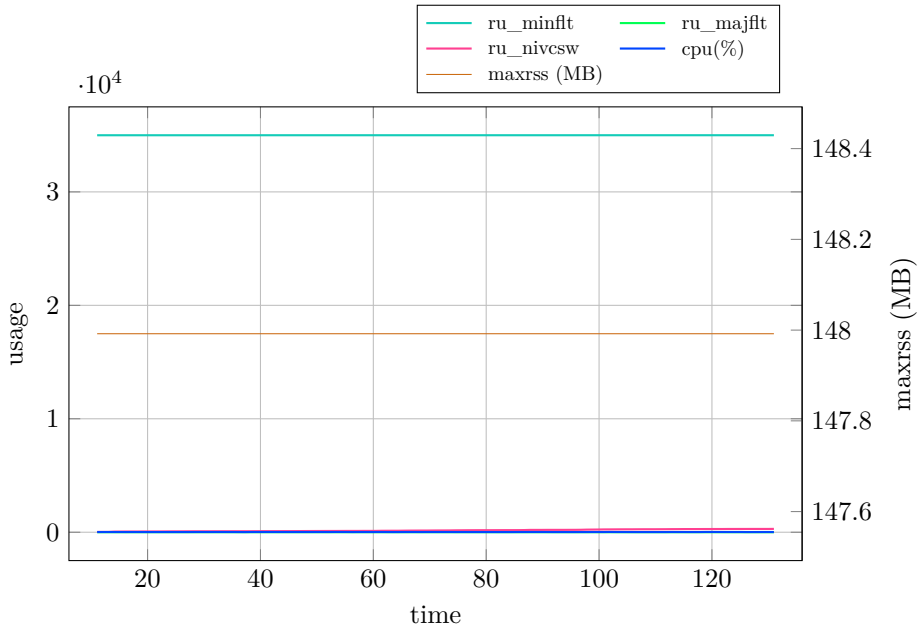
Performance

Logfile name	log_test_topic_01-12-2020_14-57-45
Experiment id	1af3e842-f285-4601-91bf-78c32d5ae9b3
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	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0074
received	2495.3667
sent	499.475
lost	1.4917
relative_loss	0.003
data_received	169167031.3917
latency_min (ms)	0.4015
latency_max (ms)	5.5558
latency_mean (ms)	0.8321
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	-1.5068
pub_loop_res_max (ms)	1.8788
pub_loop_res_mean (ms)	1.6744
pub_loop_res_variance (ms)	0.001
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 (%)	17.9267

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