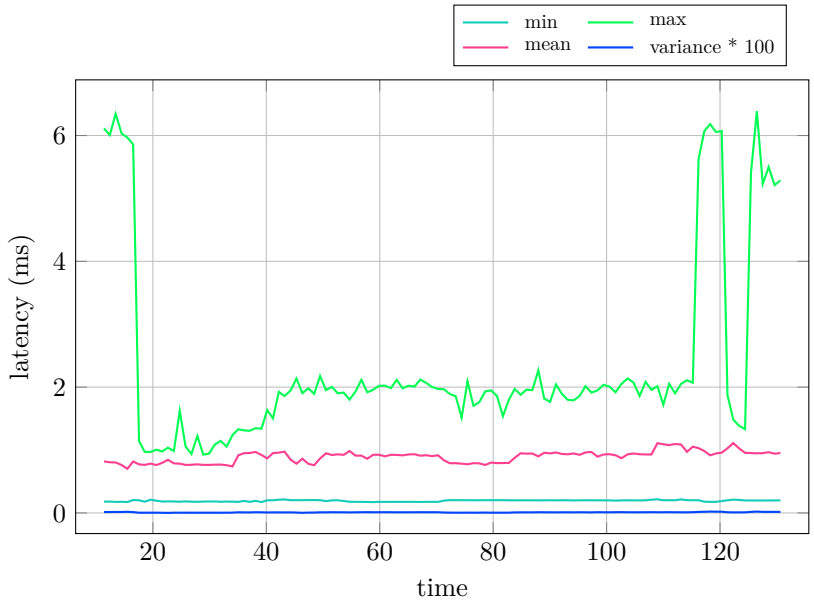
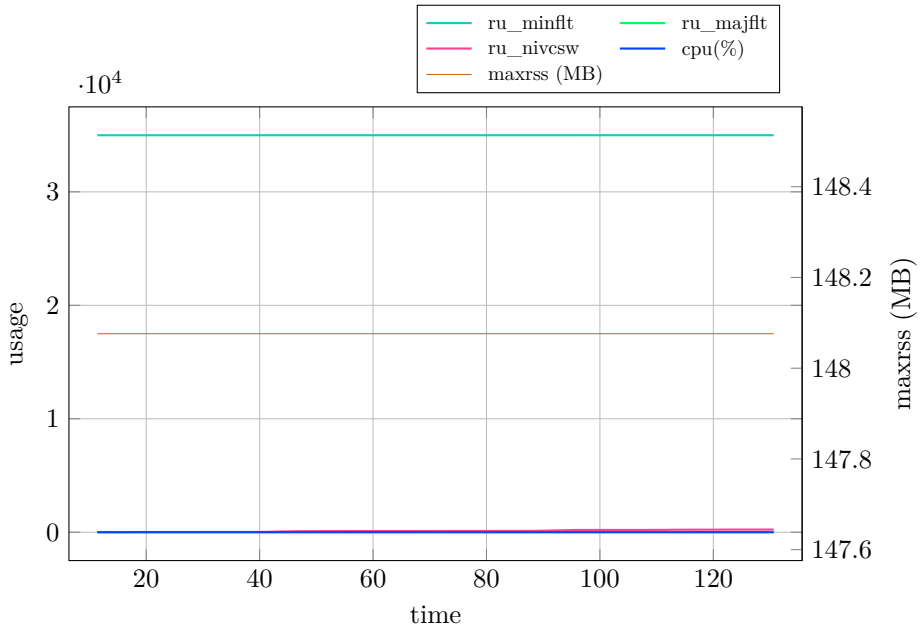
Performance

Logfile name	log_test_topic_01-12-2020_09-40-53
Experiment id	9668b429-0b87-460a-b697-fd54a456f9c4
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	1.0369
received	247.5086
sent	49.5086
lost	0.0
relative_loss	0.0
data_received	16932767.3362
latency_min (ms)	0.1929
latency_max (ms)	2.3442
latency_mean (ms)	0.8936
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	19.3723
pub_loop_res_max (ms)	19.881
pub_loop_res_mean (ms)	19.4822
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 (%)	2.2121

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