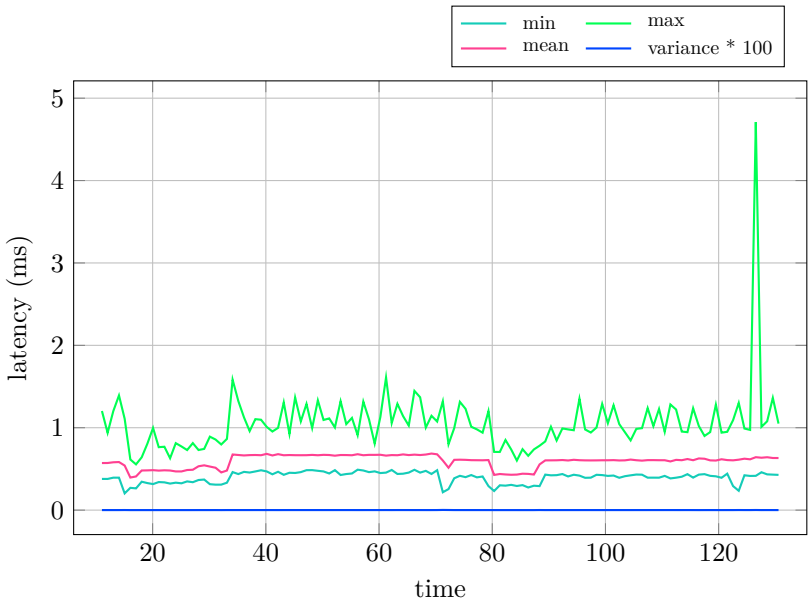
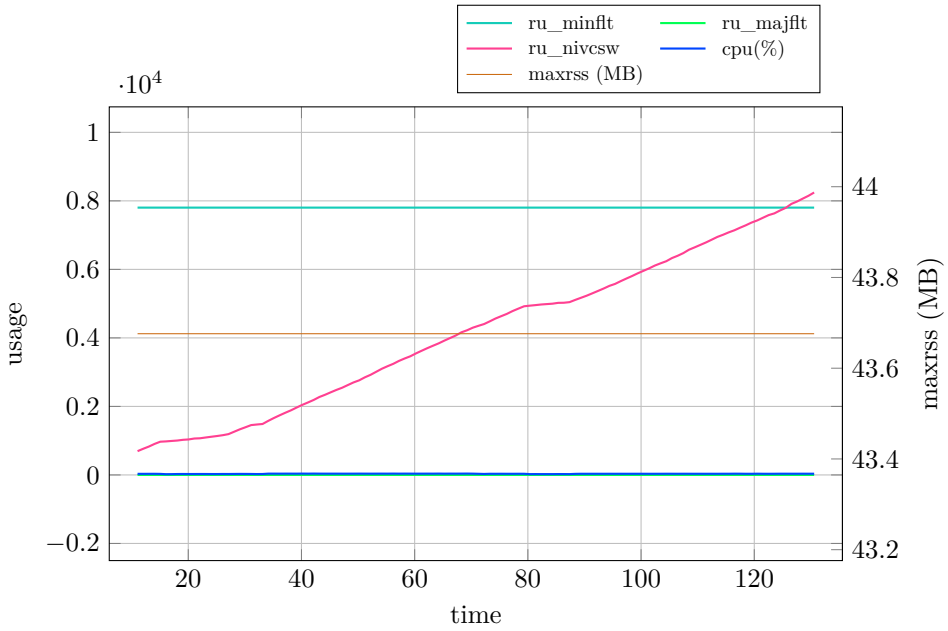
Performance

Logfile name	log_test_topic_02-12-2020_06-34-28
Experiment id	c8af76e7-dc60-4326-9c68-db9a391704a5
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	10
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0044
received	9987.9833
sent	999.4833
lost	6.5917
relative_loss	0.0066
data_received	676803508.2333
latency_min (ms)	0.3974
latency_max (ms)	1.0544
latency_mean (ms)	0.5948
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.5608
pub_loop_res_max (ms)	0.7824
pub_loop_res_mean (ms)	0.7232
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 (%)	33.4271

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_fastrtps_cpp
Roundtrip Mode	NONE
With security	0