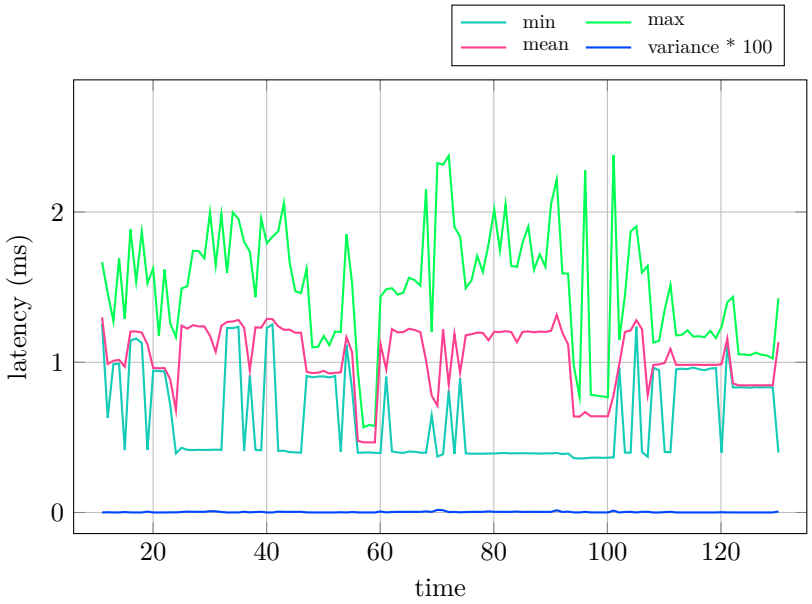
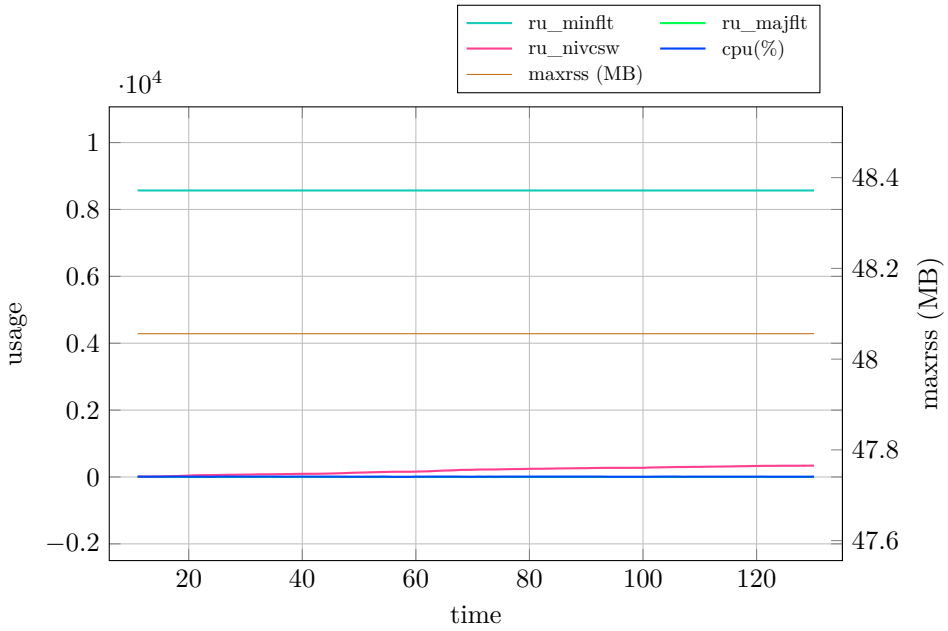
Performance

Logfile name	log_test_topic_01-12-2020_19-32-17
Experiment id	258814ce-ecda-4013-80a8-885cac8a8a6d
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	1
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0007
received	998.775
sent	999.5167
lost	0.6
relative_loss	0.0005
data_received	2095620661.8167
latency_min (ms)	0.6317
latency_max (ms)	1.4998
latency_mean (ms)	1.038
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.3309
pub_loop_res_max (ms)	0.7301
pub_loop_res_mean (ms)	0.5755
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 (%)	9.1557

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array2m
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