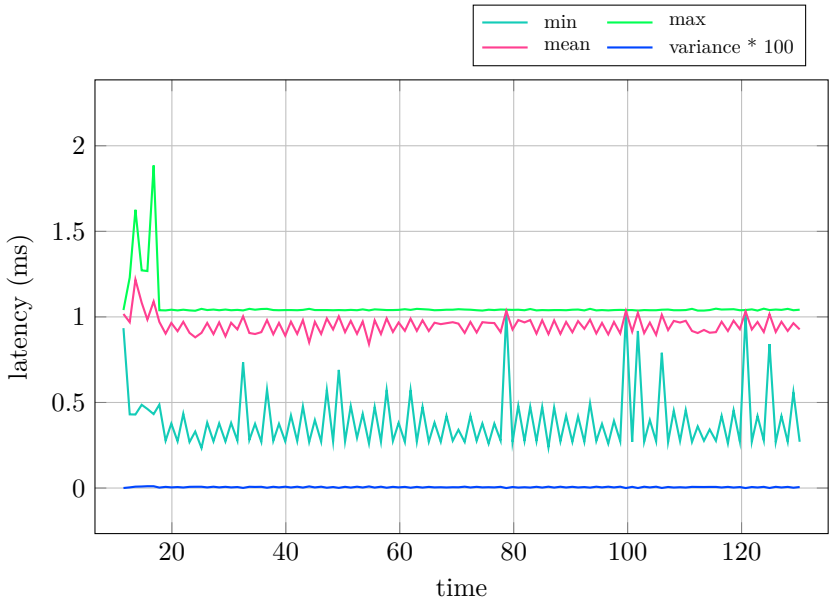
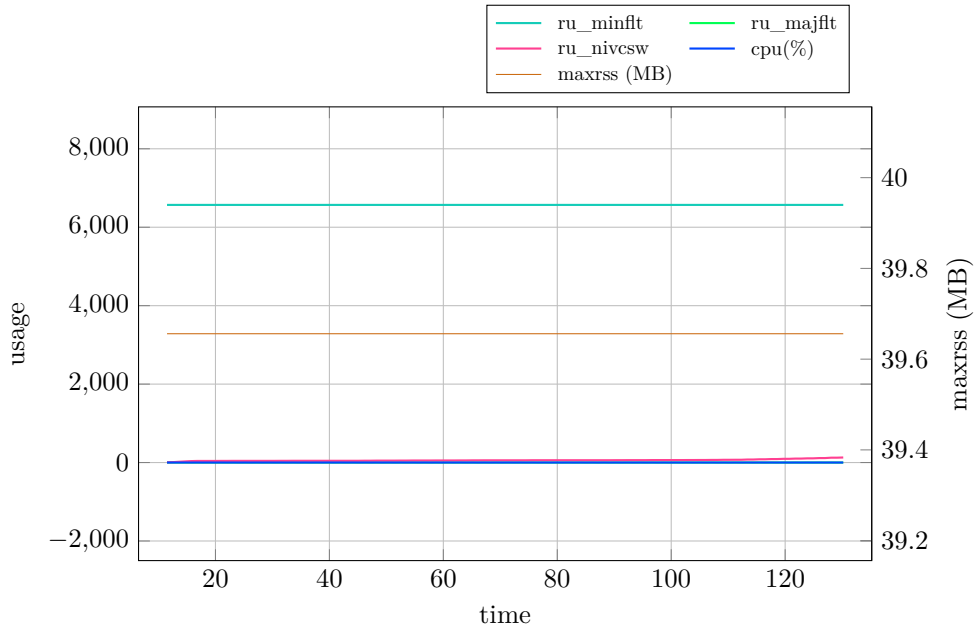
Performance

Logfile name	log_test_topic_28-11-2020_09-59-18
Experiment id	2c8bea9d-ab41-42c3-b076-70f1573faead
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	10
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	1.0498
received	9.5
sent	9.4912
lost	0.0
relative_loss	0.0
data_received	680811.307
latency_min (ms)	0.3928
latency_max (ms)	1.0594
latency_mean (ms)	0.95
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	99.0855
pub_loop_res_max (ms)	99.5836
pub_loop_res_mean (ms)	99.1822
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 (%)	0.4673

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct32k
QOS Durability	VOLATILE
QOS History depth	1000
QOS History kind	KEEP_ALL
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_fastrtps_cpp
Roundtrip Mode	NONE
With security	0