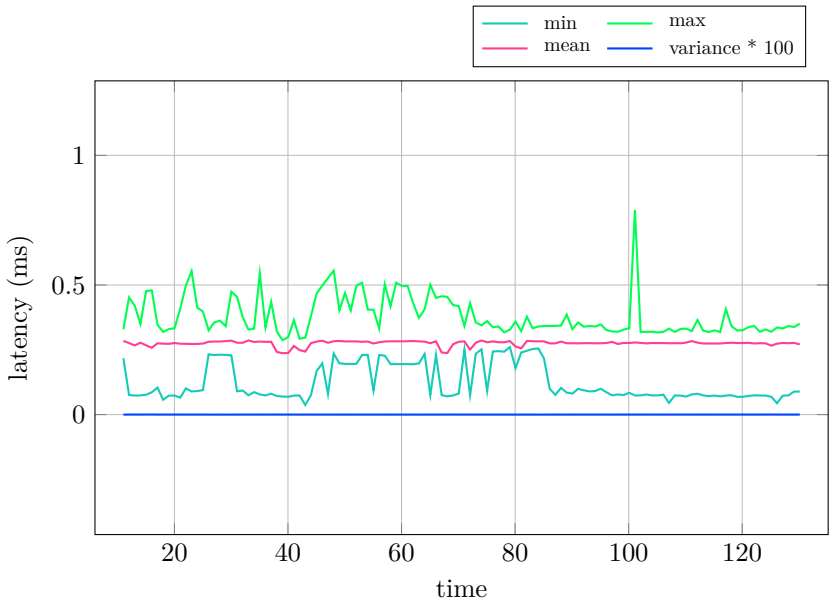
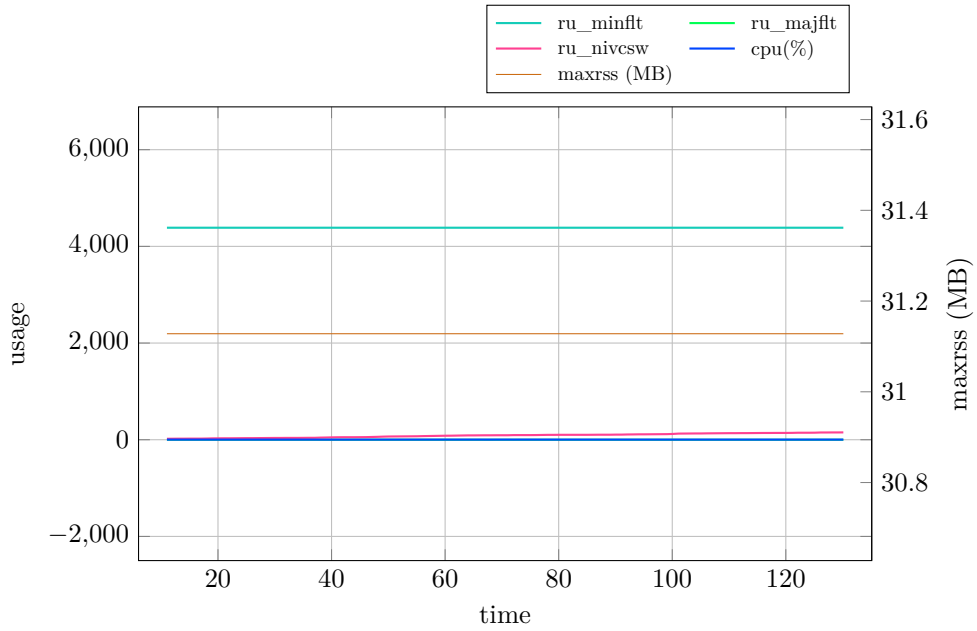
Performance

Logfile name	log_test_topic_30-11-2020_05-04-58
Experiment id	d1f6f0fb-5e28-4fdf-ae46-962acf595999
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	1.0008
received	999.5333
sent	999.5333
lost	0.0
relative_loss	0.0
data_received	8463987.6417
latency_min (ms)	0.1235
latency_max (ms)	0.3795
latency_mean (ms)	0.275
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.7626
pub_loop_res_max (ms)	0.89
pub_loop_res_mean (ms)	0.8031
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 (%)	2.9076

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct4k
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