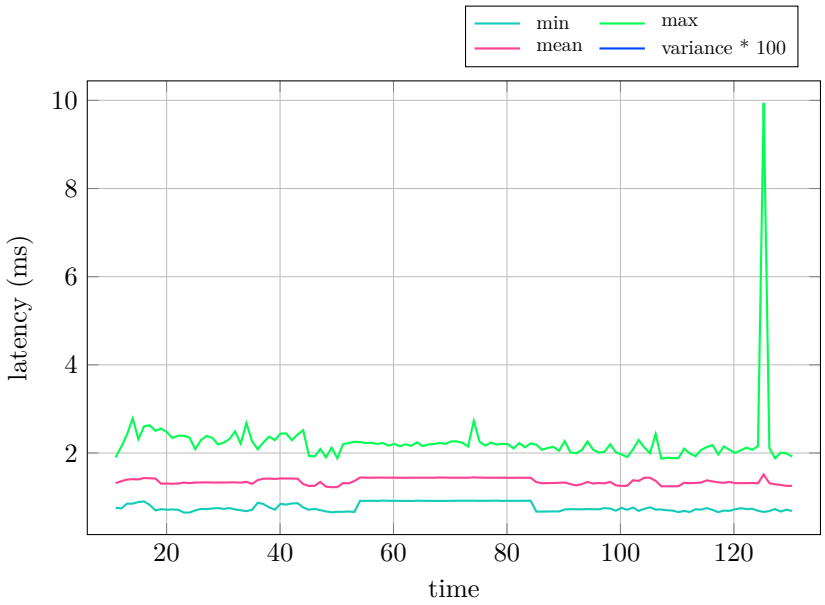
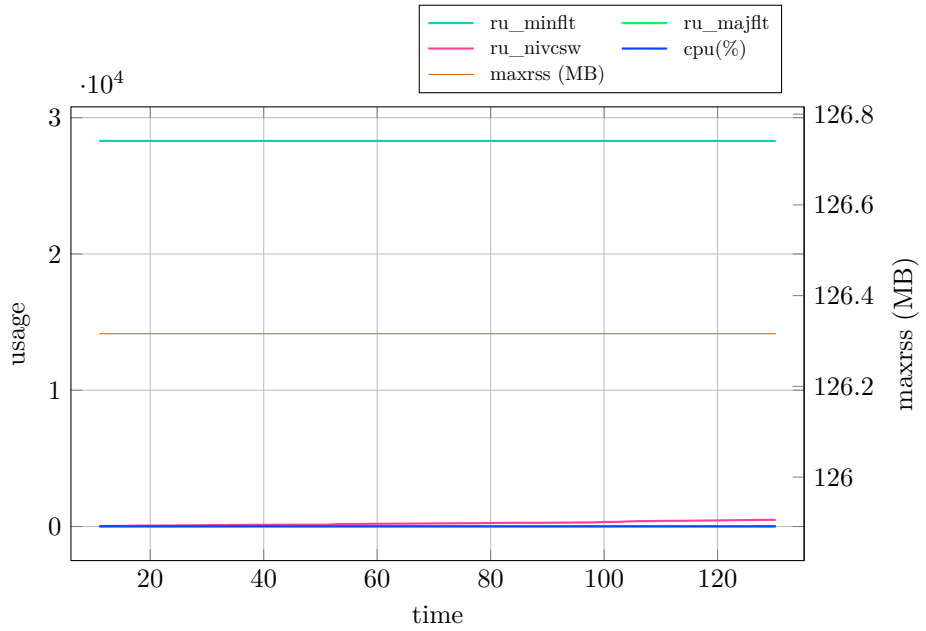
Performance

Logfile name	log_test_topic_29-11-2020_19-50-44
Experiment id	fe6950ac-ca3e-44dd-bad2-39b5edb68d22
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	500
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	1.0019
received	2497.3917
sent	499.5083
lost	0.0
relative_loss	0.0
data_received	5242921548.1917
latency_min (ms)	0.7754
latency_max (ms)	2.2534
latency_mean (ms)	1.3592
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	1.4571
pub_loop_res_max (ms)	1.7611
pub_loop_res_mean (ms)	1.6572
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 (%)	15.1385

environment

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