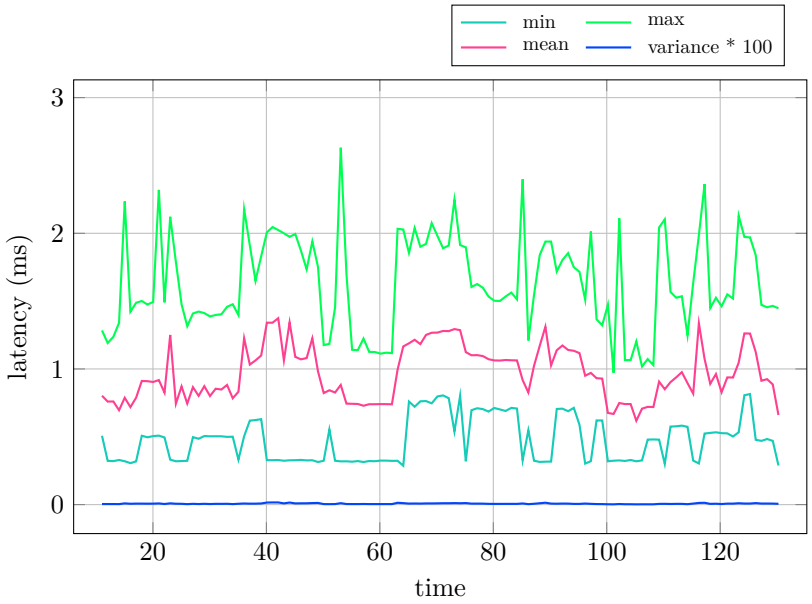
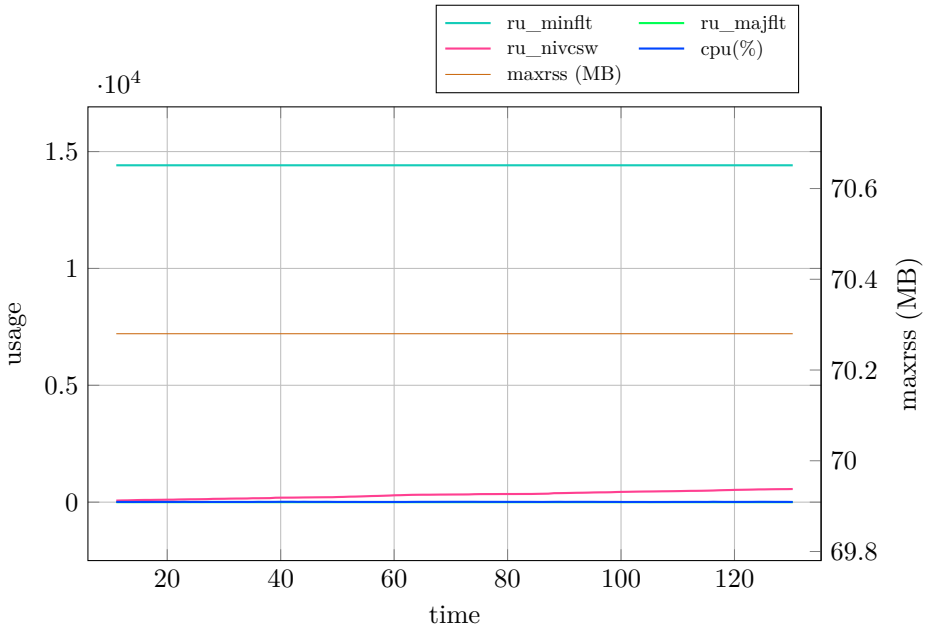
Performance

Logfile name	log_test_topic_29-11-2020_19-48-28
Experiment id	6acb7a6b-3e6c-4a9c-b2bc-29afba17c86e
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	2497.325
sent	499.475
lost	0.0
relative_loss	0.0
data_received	2621483972.7667
latency_min (ms)	0.4764
latency_max (ms)	1.6331
latency_mean (ms)	0.9685
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	1.5857
pub_loop_res_max (ms)	1.7996
pub_loop_res_mean (ms)	1.6885
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 (%)	10.9191

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array1m
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