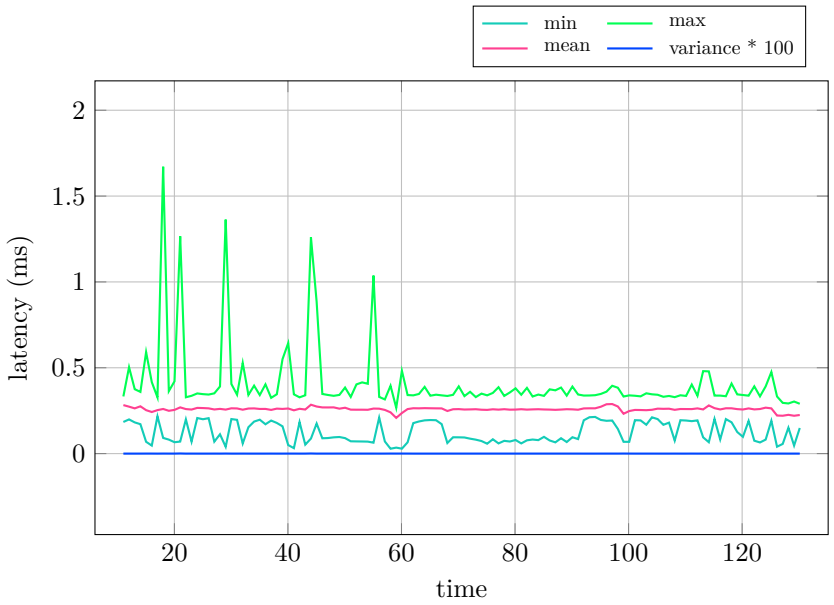
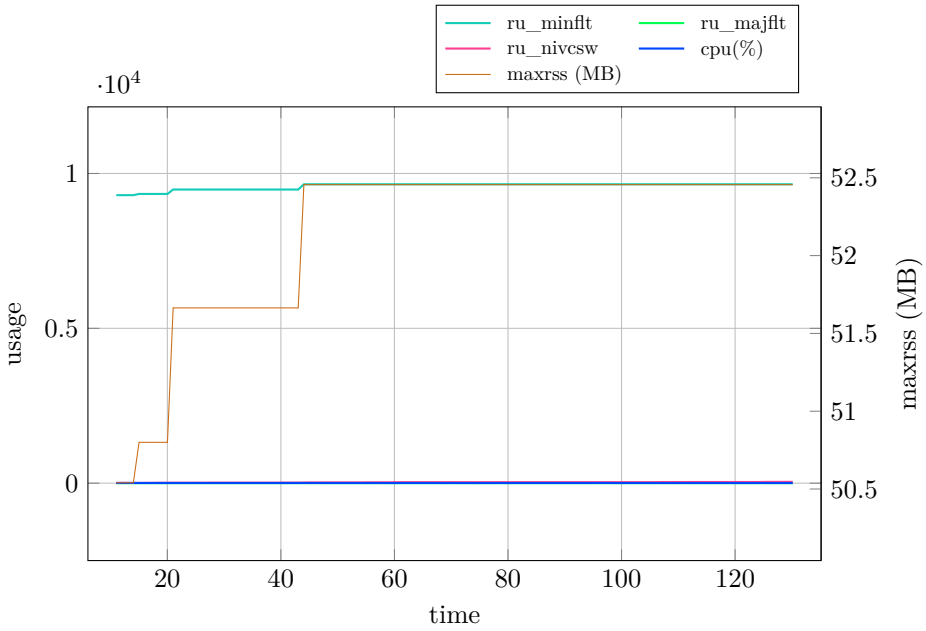
Performance

Logfile name	log_test_topic_27-11-2020_15-00-01
Experiment id	3a4729ce-041a-4a57-a07f-be1538cdc78b
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	3
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0009
received	2998.475
sent	999.5083
lost	0.0
relative_loss	0.0
data_received	184367935.35
latency_min (ms)	0.123
latency_max (ms)	0.4094
latency_mean (ms)	0.2584
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.6271
pub_loop_res_max (ms)	0.9126
pub_loop_res_mean (ms)	0.8365
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 (%)	5.7794

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array60k
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