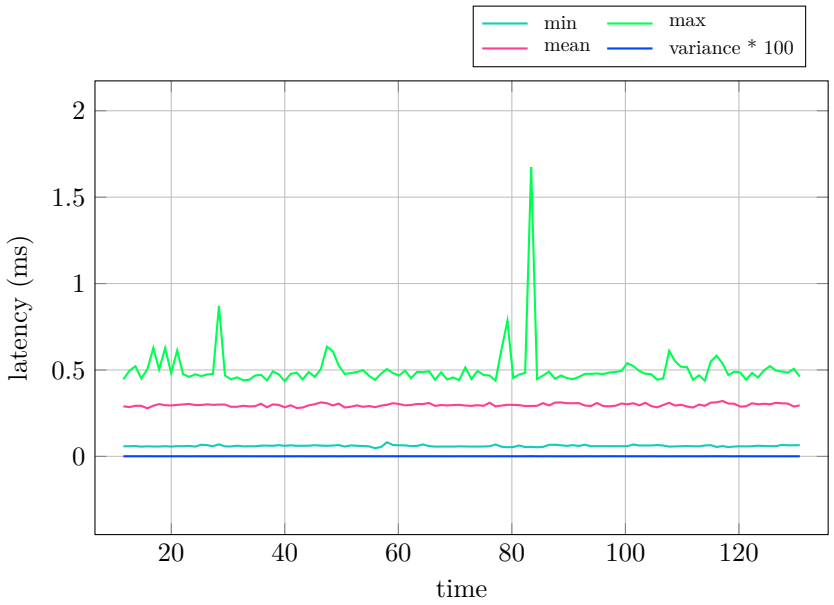
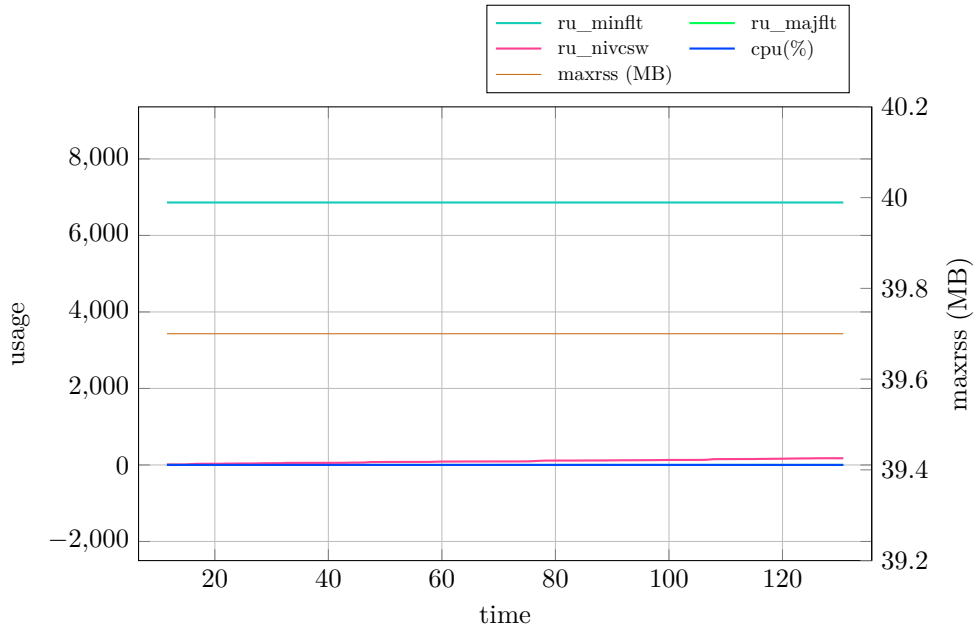
Performance

Logfile name	log_test_topic_01-12-2020_12-15-11
Experiment id	4f96fdb5-ed9c-4890-9608-c71ea1a96cfe
Communication mean	ROS2



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	80ff298
Publishing rate	50
Topic name	test_topic
Number of publishers	1
Number of subscribers	10
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0544
received	494.9211
sent	49.4649
lost	0.0
relative_loss	0.0
data_received	15995.614
latency_min (ms)	0.0603
latency_max (ms)	0.5034
latency_mean (ms)	0.2973
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.4392
pub_loop_res_max (ms)	19.8946
pub_loop_res_mean (ms)	19.5491
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 (%)	1.6391

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct16
QOS Durability	VOLATILE
QOS History depth	1
QOS History kind	KEEP_LAST
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_fastrtps_cpp
Roundtrip Mode	NONE
With security	0