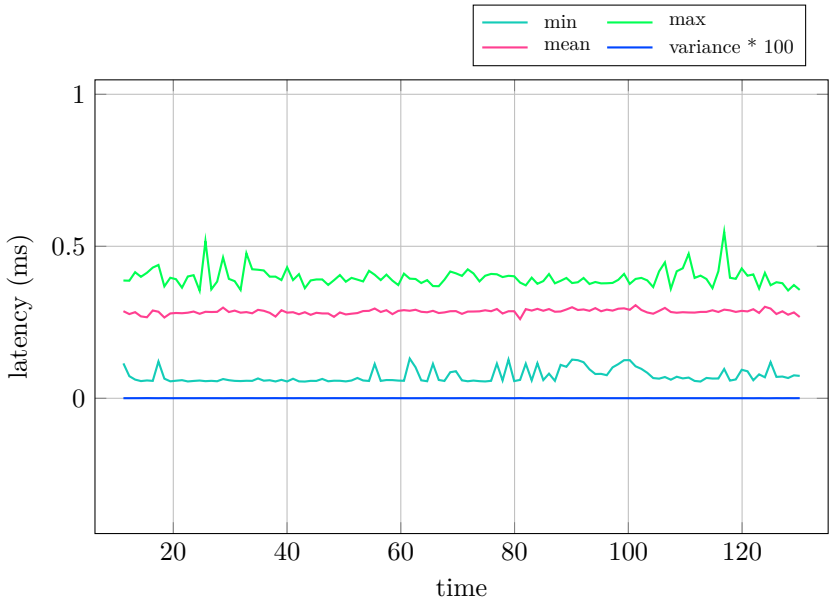
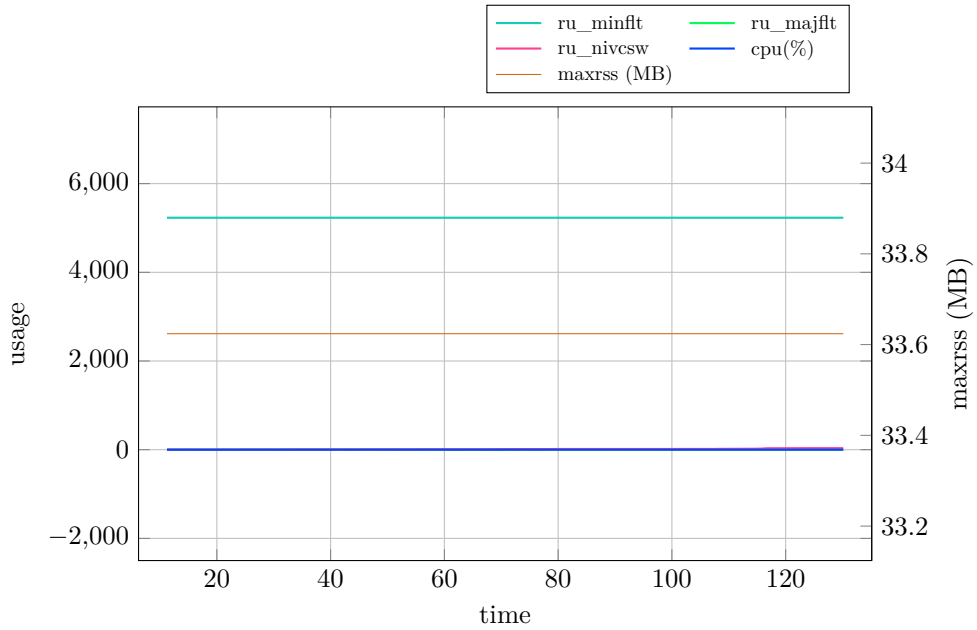
Performance

Logfile name	log_test_topic_01-12-2020_10-03-43
Experiment id	ff0d4a85-9c21-459c-9a87-05cf484846ef
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	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0246
received	247.4786
sent	49.5214
lost	0.0
relative_loss	0.0
data_received	1028023.8974
latency_min (ms)	0.0733
latency_max (ms)	0.3974
latency_mean (ms)	0.2848
latency_variance (ms)	0.0
pub_loop_res_min (ms)	19.4653
pub_loop_res_max (ms)	19.8769
pub_loop_res_mean (ms)	19.5829
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 (%)	0.7094

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Array4k
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