Performance

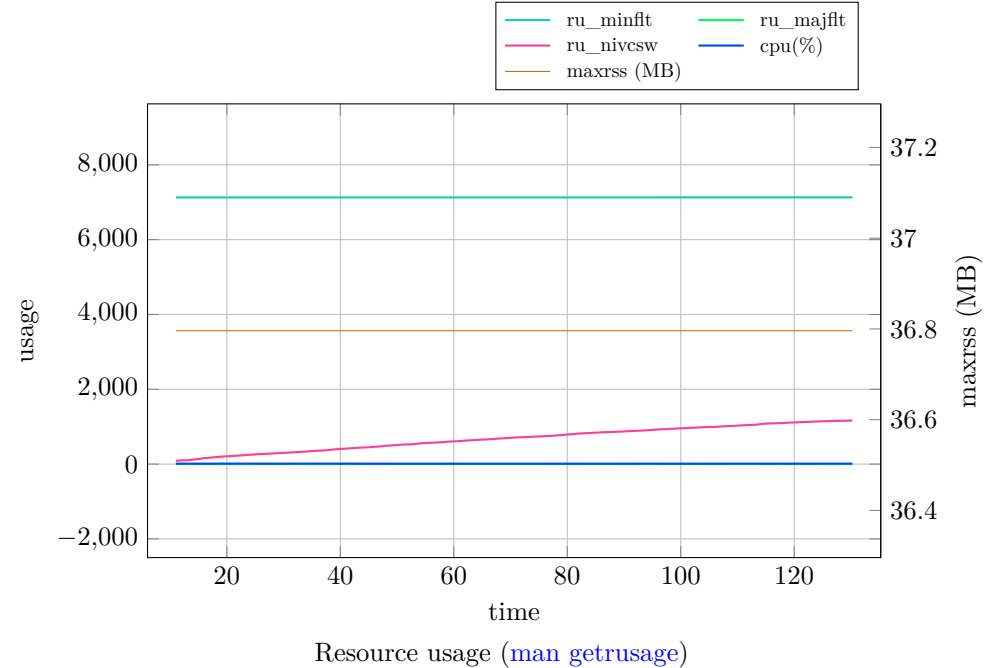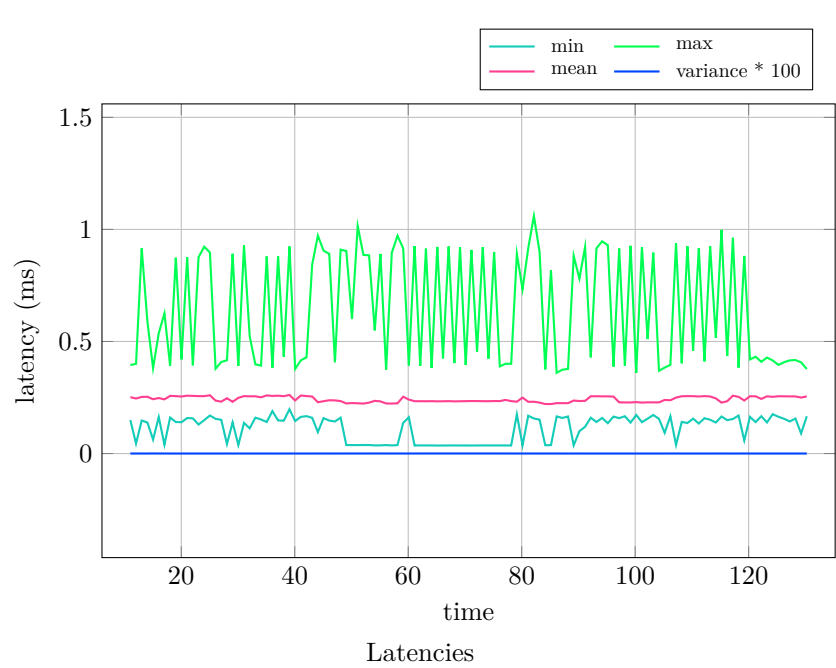|	
Logfile name	log__test__topic_01-12-2020_20-37-38
Experiment id	be27ee73-b4af-4976-bea2-9db5cb3ffe7c
Communication mean	ROS2

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	5
Maximum runtime (sec)	130
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0016
received	4997.5
sent	999.45
lost	0.0
relative_loss	0.0
data_received	42319909.9
latency_min (ms)	0.1143
latency_max (ms)	0.6441
latency_mean (ms)	0.242
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.7631
pub_loop_res_max (ms)	0.8771
pub_loop_res_mean (ms)	0.8102
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 (%)	11.6922

environment

Ignore seconds from beginning	10
Memory check enabled	0
Msg name	Struct4k
QOS Durability	VOLATILE
QOS History depth	1
QOS History kind	KEEP_LAST
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_cyclonedds_cpp
Roundtrip Mode	NONE
With security	0