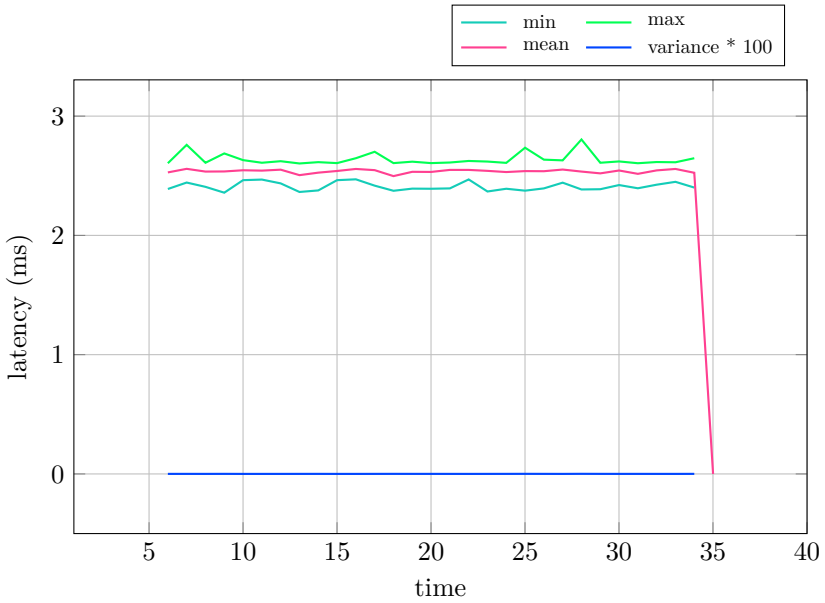
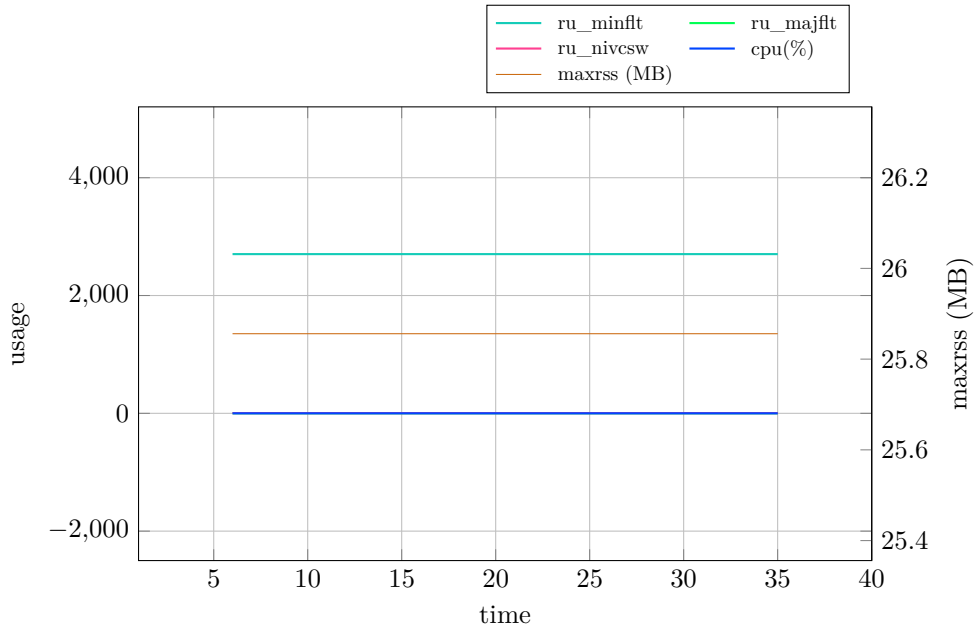
Performance

Logfile name	logs/interhost_main_Struct32k_20_best_effort.csv
Experiment id	c4f17a2e-ef0a-404e-90ac-30aeefbb4106
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2fc8cc2
Publishing rate	20
Topic name	Struct32k
Number of publishers	1
Number of subscribers	1
Maximum runtime (sec)	35
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0001
received	18.2333
sent	19.0
lost	0.0
relative_loss	0.0
data_received	1300162.9
latency_min (ms)	inf
latency_max (ms)	-inf
latency_mean (ms)	2.4525
latency_variance (ms)	0.0
pub_loop_res_min (ms)	49.6397
pub_loop_res_max (ms)	49.6767
pub_loop_res_mean (ms)	49.6517
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 (%)	0.1835

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Struct32k
QOS Durability	VOLATILE
QOS History depth	16
QOS History kind	KEEP_LAST
QOS Reliability	BEST_EFFORT
QOS Sync. pub/sub	0
RMW Implementation	rmw_fastrtps_cpp
Roundtrip Mode	MAIN
With security	0
Zero copy transfer	0