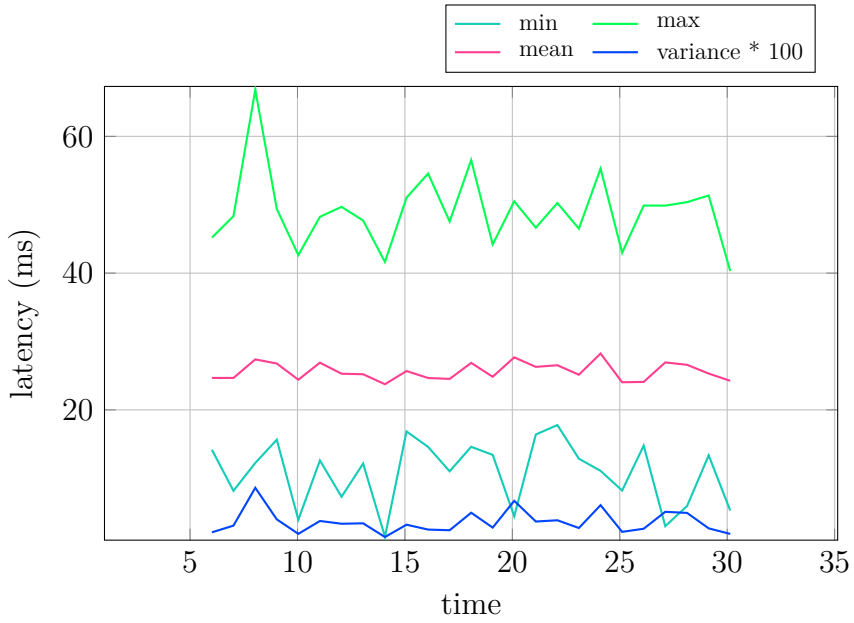
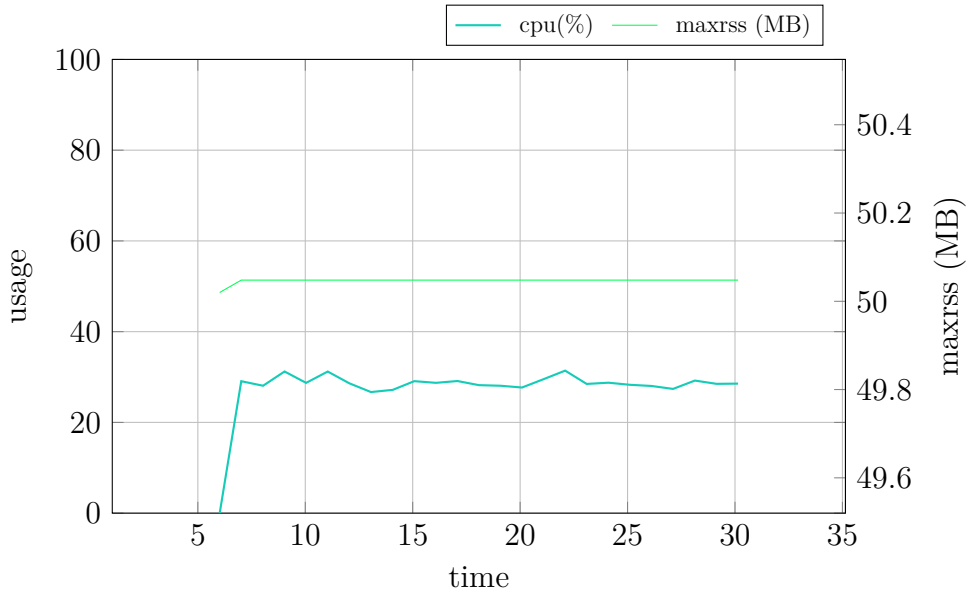
Performance fastrtps

Logfile name	ec07d832-9a11-435c-ad45-bcfa68e81d6c.csv
Experiment id	66c5dd5f-a57d-48b1-a1d8-66c2b71e2309
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	
Publishing rate	0
Topic name	Struct32k
Number of publishers	1
Number of subscribers	3
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.005
received	7293.76
sent	3647.4
lost	3639.2
relative_loss	0.9976
data_received	494107430.88
latency_min (ms)	10.8491
latency_max (ms)	49.096
latency_mean (ms)	25.6296
latency_variance (ms)	0.0359
pub_loop_res_min (ms)	-83086.4
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4611800000000.0
pub_loop_res_variance (ms)	2.127e+22
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 (%)	27.5932
max_ram_usage (MB)	50.05

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Struct32k
QOS Durability	VOLATILE
QOS History depth	100
QOS History kind	KEEP_LAST
QOS Reliability	RELIABLE
QOS Sync. pub/sub	0
RMW Implementation	rmw_fastrtps_cpp
Roundtrip Mode	NONE
With security	0
Zero copy transfer	0