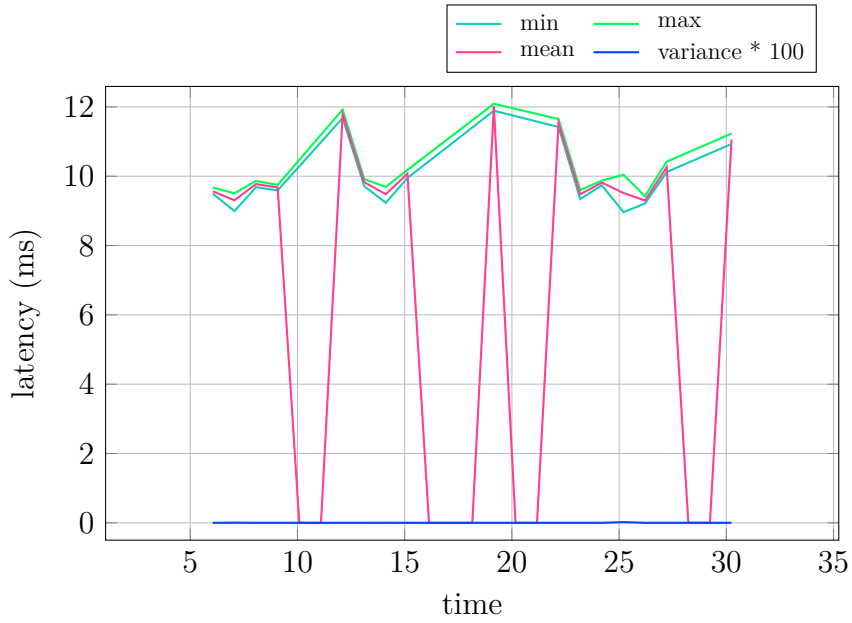
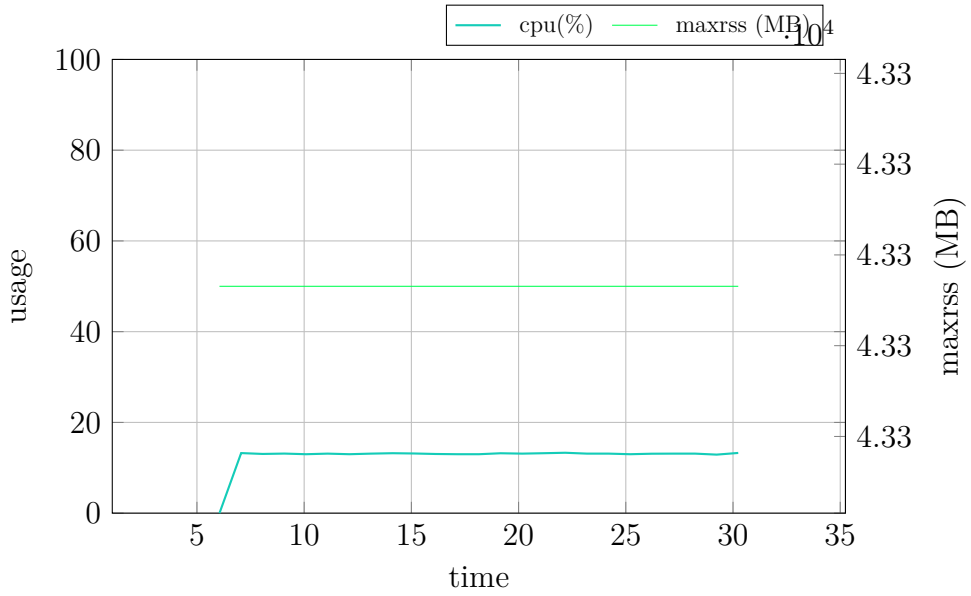
Performance fastrtps

Logfile name	dda15022-2b10-4f16-8d0c-8e5f1e73a704.csv
Experiment id	50a51715-96e0-4a3b-98ab-5d22eeeb4078
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	0
Topic name	Struct32k
Number of publishers	1
Number of subscribers	1
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.008
received	79.2
sent	11356.72
lost	11203.0
relative_loss	0.9884
data_received	5375777.16
latency_min (ms)	inf
latency_max (ms)	-inf
latency_mean (ms)	6.4975
latency_variance (ms)	0.0
pub_loop_res_min (ms)	-23162.4
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4611640000000.0
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 (%)	12.584
max_ram_usage (MB)	43286.53

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