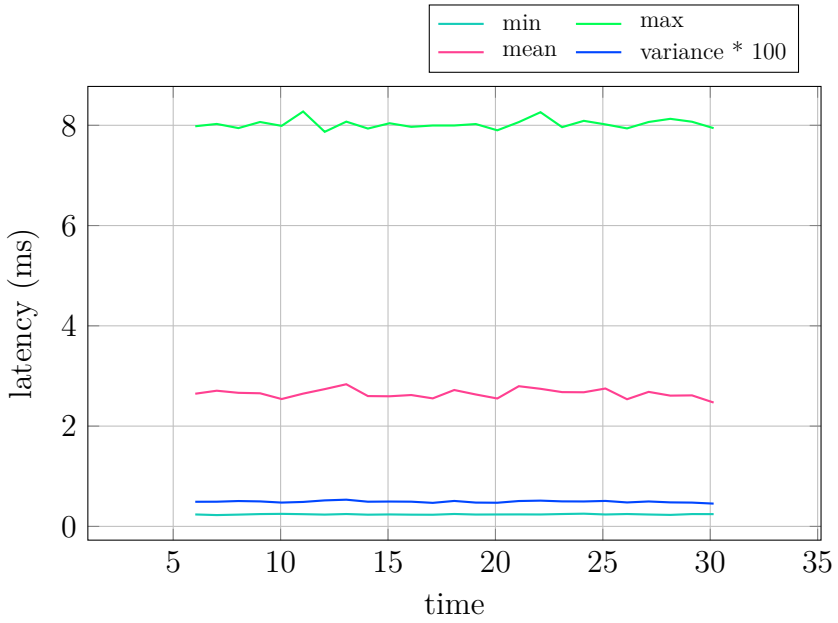
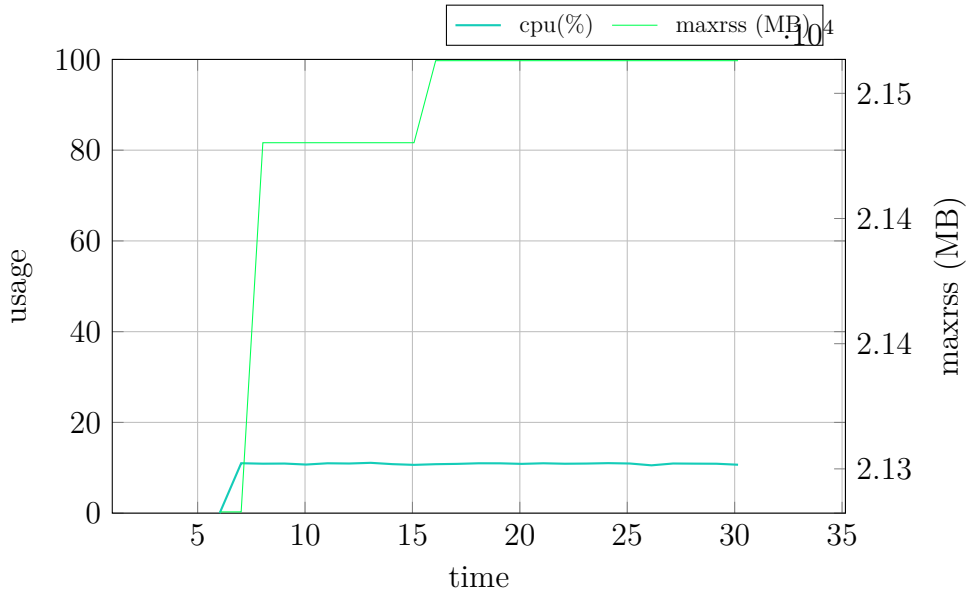
Performance fastrtps

Logfile name	e23f0413-2233-4ecd-95d4-c9ebcfd6b778.csv
Experiment id	9babb256-6989-488c-a8e0-abd1cb29c088
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	0
Topic name	Struct16
Number of publishers	0
Number of subscribers	1
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0053
received	20324.04
sent	0.0
lost	479073.88
relative_loss	inf
data_received	650381.72
latency_min (ms)	0.2398
latency_max (ms)	8.0252
latency_mean (ms)	2.6502
latency_variance (ms)	0.0049
pub_loop_res_min (ms)	inf
pub_loop_res_max (ms)	-inf
pub_loop_res_mean (ms)	0.0
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 (%)	10.448
max_ram_usage (MB)	21463.04

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Struct16
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