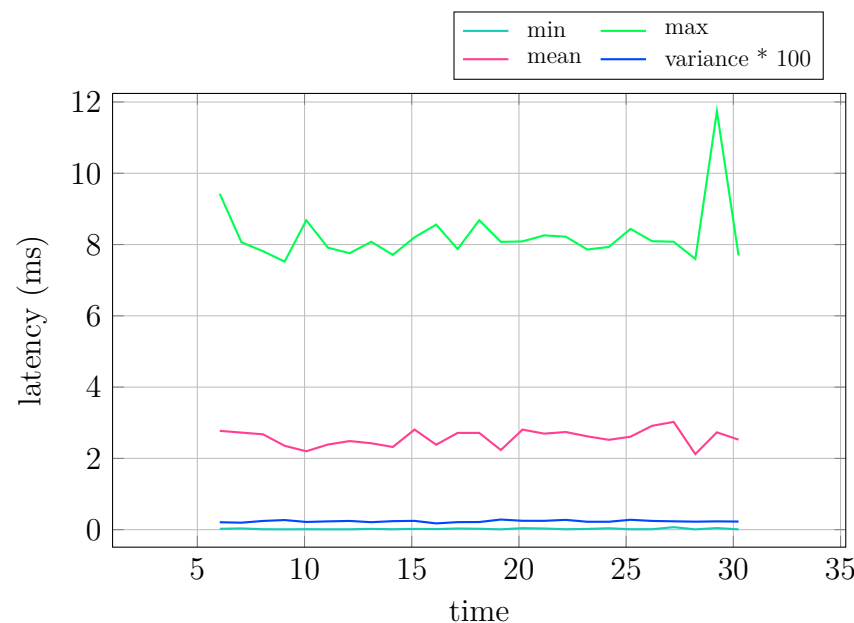
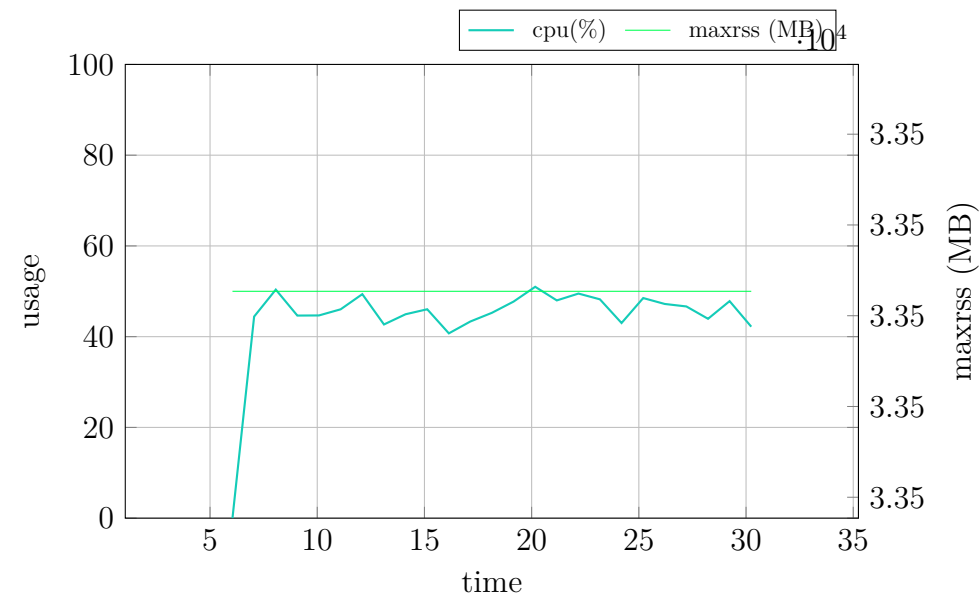


Performance fastrtps

Logfile name	647f5189-4417-46f8-8fa6-c0b83f32f02b.csv
Experiment id	af41623b-4613-4540-a056-b6605c59a6fe
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	1
Number of subscribers	10
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0078
received	158569.64
sent	85682.84
lost	697860.6
relative_loss	8.1148
data_received	5074373.8
latency_min (ms)	0.0225
latency_max (ms)	8.2543
latency_mean (ms)	2.5802
latency_variance (ms)	0.0023
pub_loop_res_min (ms)	-18305.4
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4612000000000.0
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 (%)	44.2532
max_ram_usage (MB)	33521.66

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