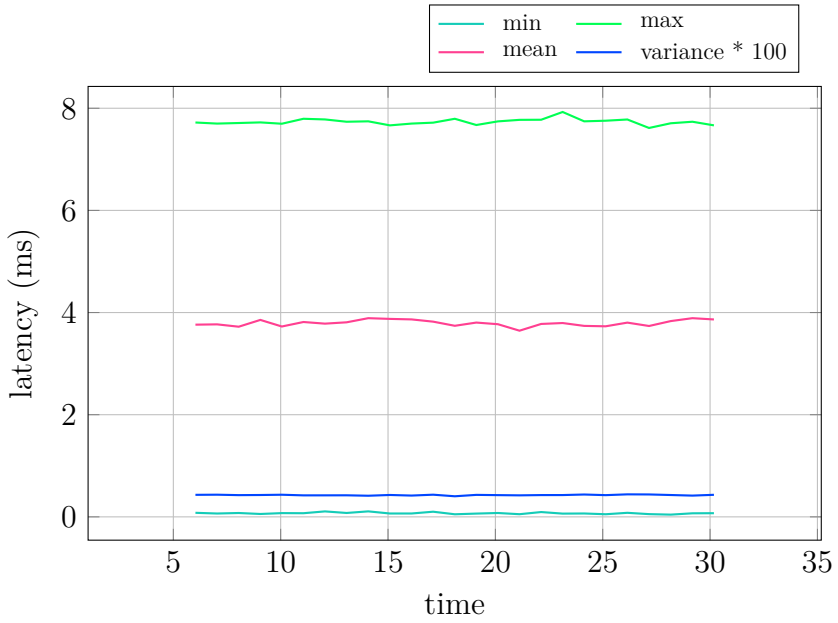
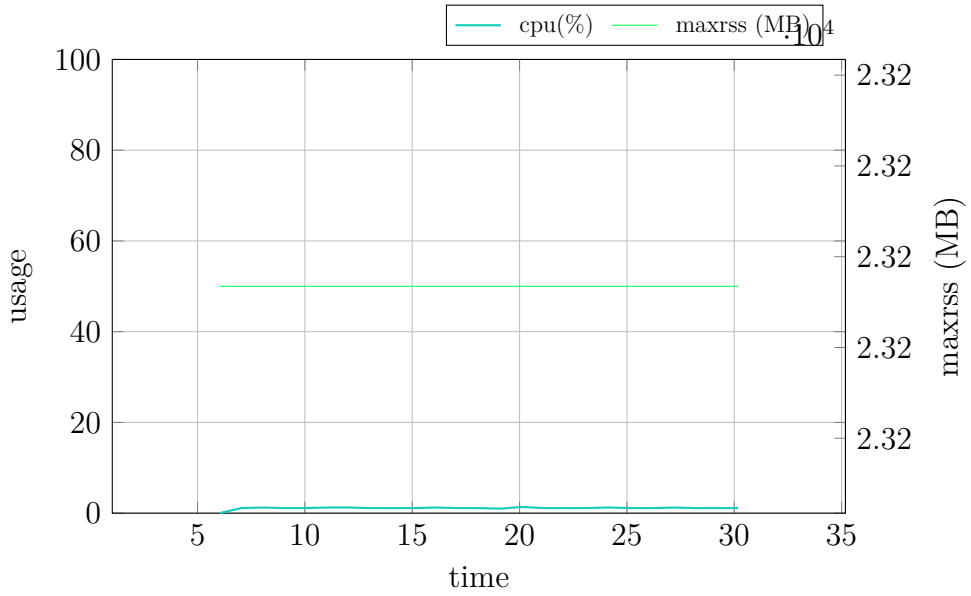
Performance fastrtps

Logfile name	9d3a2e61-ff37-4ecd-9573-2554da1a1e64.csv
Experiment id	2308ee80-0f5d-49e3-88ad-de0a9fe5f6d7
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	500
Topic name	Struct16
Number of publishers	0
Number of subscribers	3
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0058
received	1498.52
sent	0.0
lost	0.0
relative_loss	nan
data_received	48004.12
latency_min (ms)	0.0713
latency_max (ms)	7.735
latency_mean (ms)	3.7932
latency_variance (ms)	0.0043
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 (%)	1.108
max_ram_usage (MB)	23216.13

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