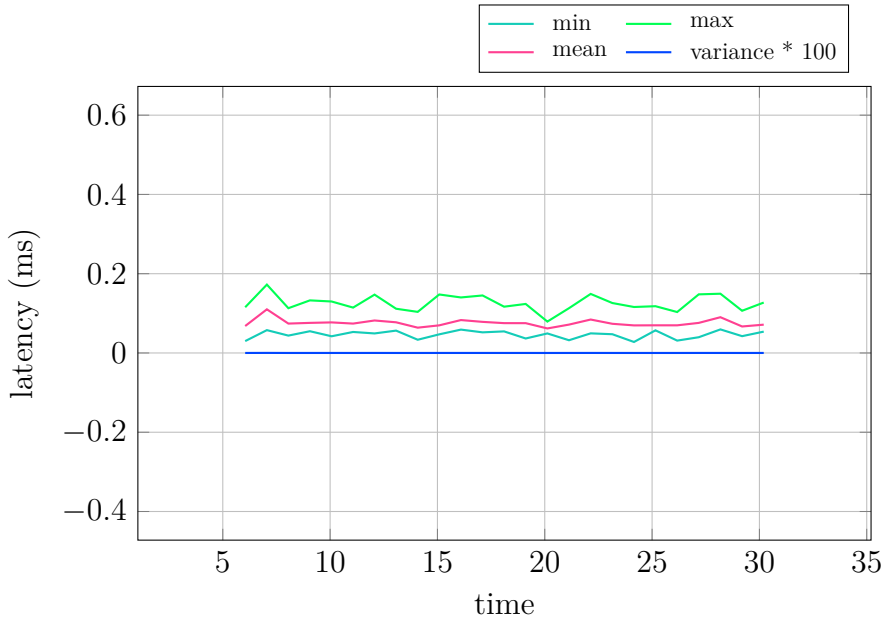
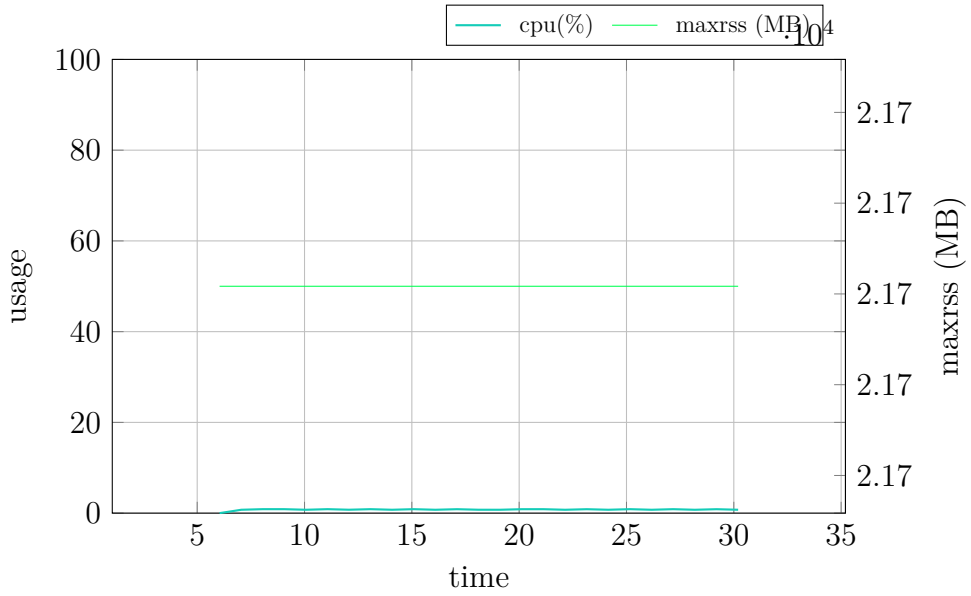
Performance fastrtps

Logfile name	73ee651c-90ed-4b43-b33c-02ad525adb54.csv
Experiment id	d8749ec0-fec4-40d5-9cce-a8390a8b2e43
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	20
Topic name	Struct16
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	1.0065
received	19.12
sent	19.12
lost	0.0
relative_loss	0.0
data_received	639.08
latency_min (ms)	0.0464
latency_max (ms)	0.126
latency_mean (ms)	0.0756
latency_variance (ms)	0.0
pub_loop_res_min (ms)	39.8576
pub_loop_res_max (ms)	49.2668
pub_loop_res_mean (ms)	42.3296
pub_loop_res_variance (ms)	0.01
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 (%)	0.775
max_ram_usage (MB)	21676.03

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