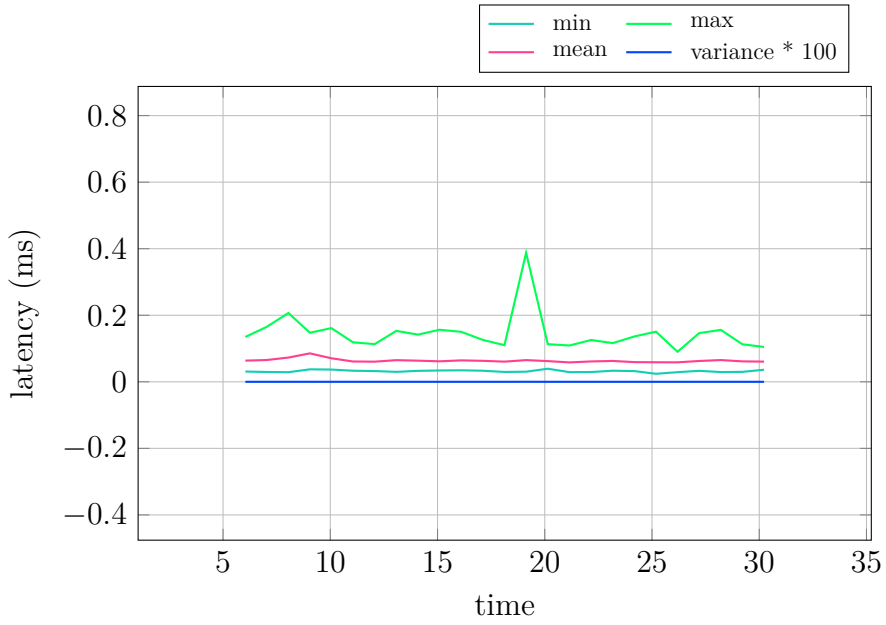
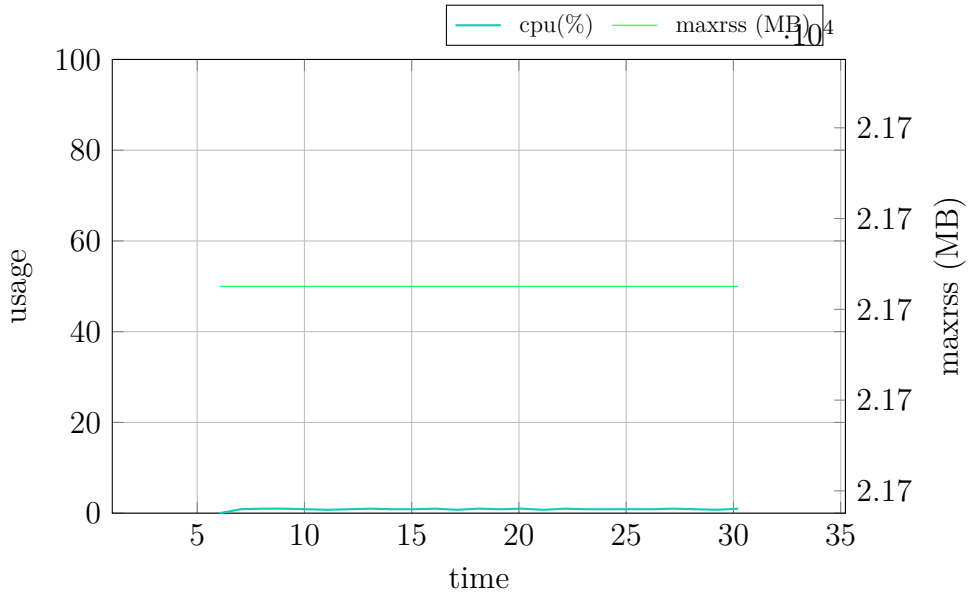
Performance fastrtps

Logfile name	93e0b83b-4804-4eb0-820d-f27a521cd655.csv
Experiment id	05f4786a-a6cf-439b-8dfb-c85cd1795569
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	100
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	1.0074
received	99.4
sent	99.4
lost	0.0
relative_loss	0.0
data_received	3199.32
latency_min (ms)	0.0319
latency_max (ms)	0.1454
latency_mean (ms)	0.0638
latency_variance (ms)	0.0
pub_loop_res_min (ms)	5.1129
pub_loop_res_max (ms)	9.7383
pub_loop_res_mean (ms)	6.9315
pub_loop_res_variance (ms)	0.0009
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 (%)	0.8584
max_ram_usage (MB)	21659.65

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