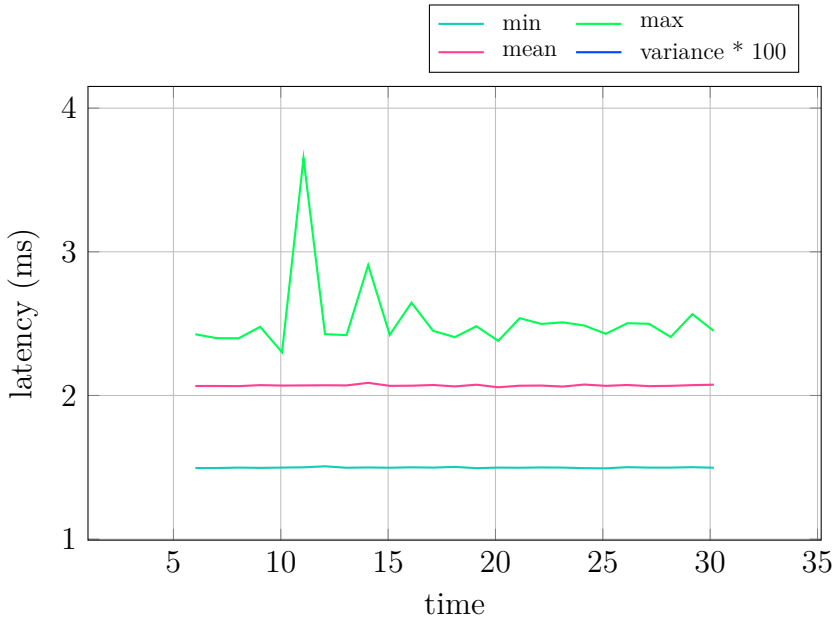
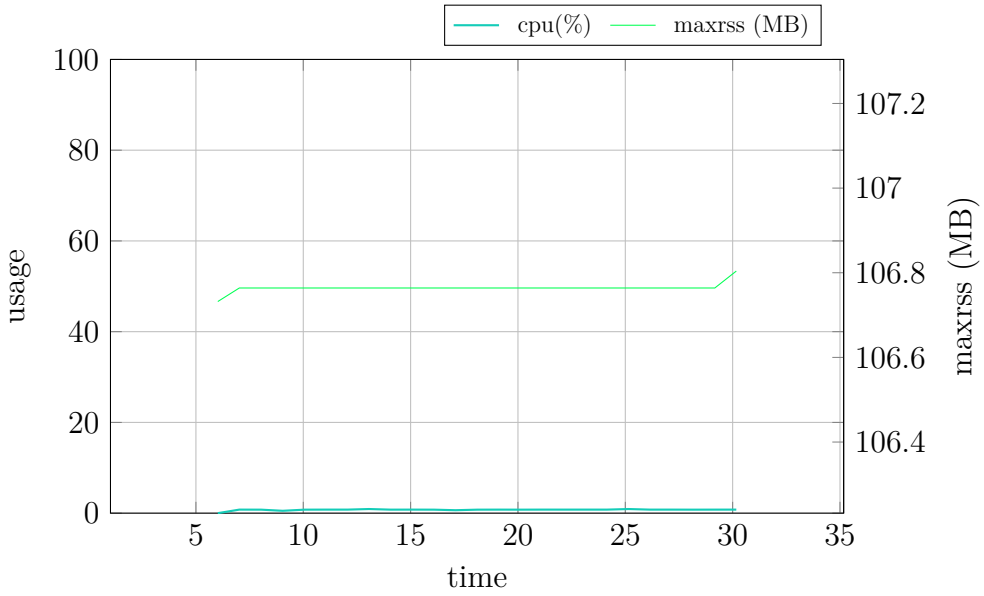
Performance fastrtps

Logfile name	c02ca460-f6cf-4dbc-8efe-b11b7a5bd71e.csv
Experiment id	7008a781-a772-4d32-9e2e-fec97f980dff
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	
Publishing rate	500
Topic name	Struct32k
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	1.006
received	4994.8
sent	499.48
lost	0.0
relative_loss	0.0
data_received	338638602.72
latency_min (ms)	1.498
latency_max (ms)	2.5232
latency_mean (ms)	2.0694
latency_variance (ms)	0.0
pub_loop_res_min (ms)	-12.8976
pub_loop_res_max (ms)	1.7479
pub_loop_res_mean (ms)	-5.2354
pub_loop_res_variance (ms)	0.0161
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 (%)	0.7402
max_ram_usage (MB)	106.8

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Struct32k
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