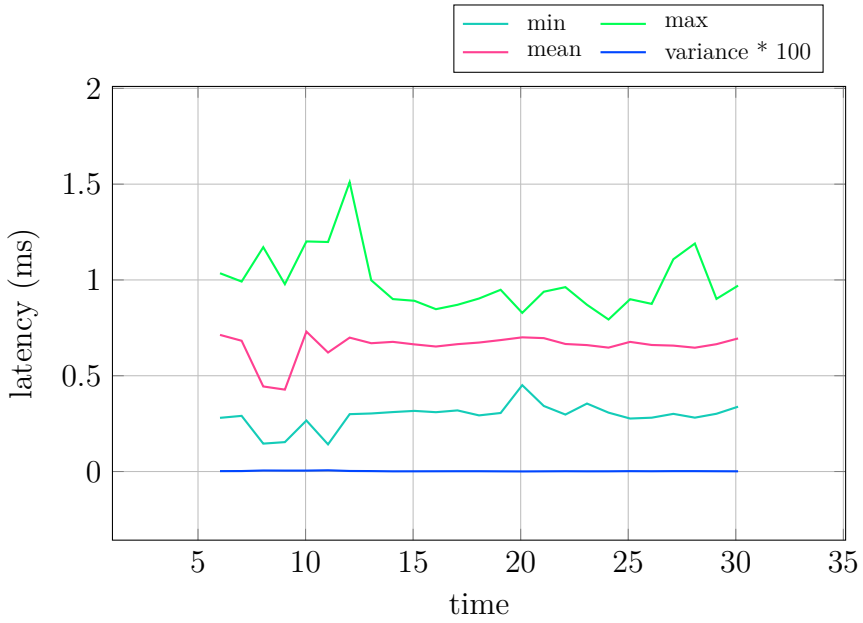
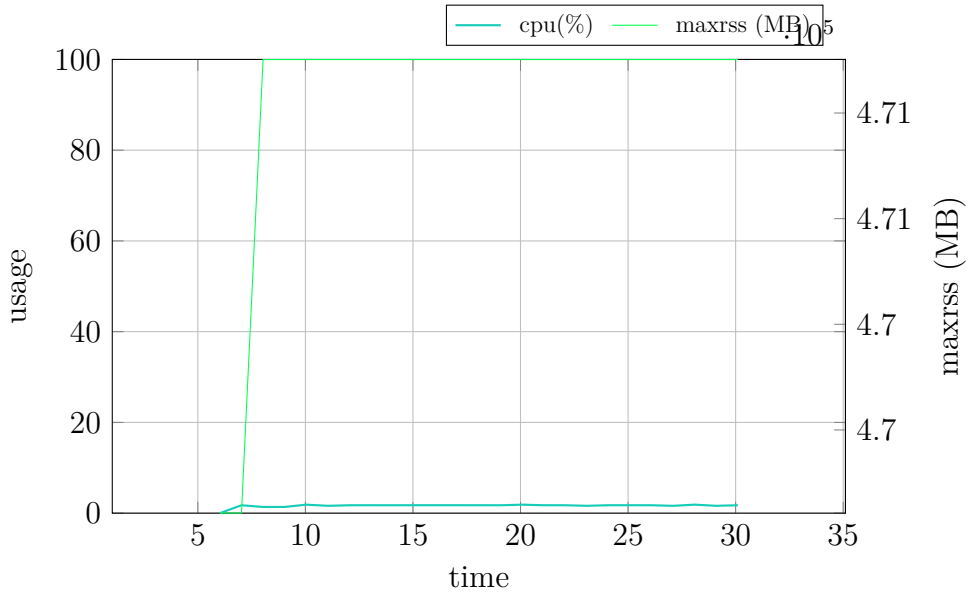
Performance fastrtps

Logfile name	3becab33-fe2d-4ac3-bb78-0e769499ac86.csv
Experiment id	d165ff63-aeb4-4dd1-a167-191e9ad6f42c
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	100
Topic name	Array2m
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	1.0033
received	99.36
sent	99.36
lost	0.0
relative_loss	0.0
data_received	209734261.28
latency_min (ms)	0.2907
latency_max (ms)	0.9912
latency_mean (ms)	0.6549
latency_variance (ms)	0.0
pub_loop_res_min (ms)	7.3118
pub_loop_res_max (ms)	9.6707
pub_loop_res_mean (ms)	8.0384
pub_loop_res_variance (ms)	0.0003
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 (%)	1.6395
max_ram_usage (MB)	471252.99

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Array2m
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