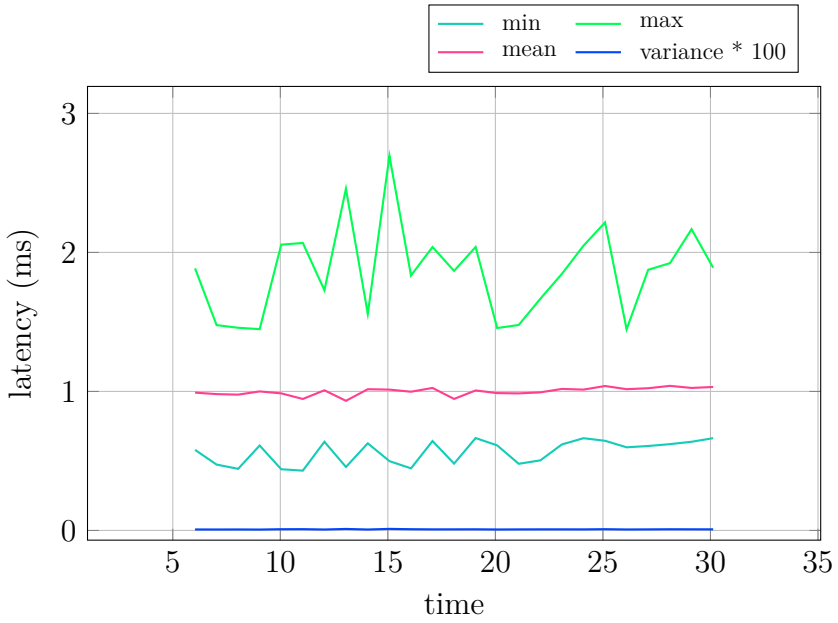
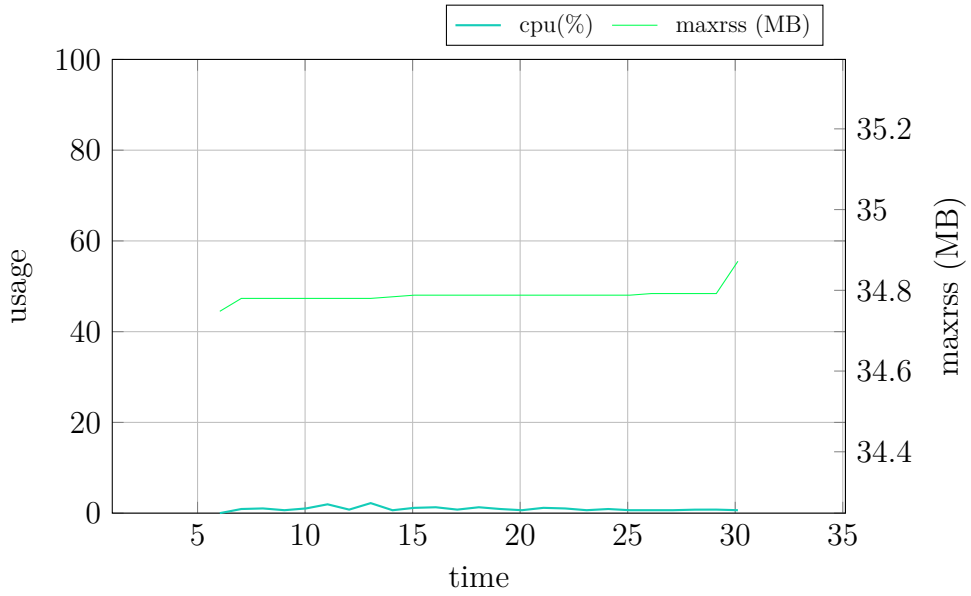
Performance fastrtps

Logfile name	803f1228-3f51-48ff-a0da-035b51b3bae3.csv
Experiment id	a4373ec9-51c8-4921-a0b9-3336dd4929aa
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	
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	1.0037
received	99.28
sent	99.28
lost	0.0
relative_loss	0.0
data_received	209683329.72
latency_min (ms)	0.5633
latency_max (ms)	1.8649
latency_mean (ms)	0.9999
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	-5.8297
pub_loop_res_max (ms)	9.614
pub_loop_res_mean (ms)	2.0678
pub_loop_res_variance (ms)	0.02
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 (%)	0.929
max_ram_usage (MB)	34.87

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