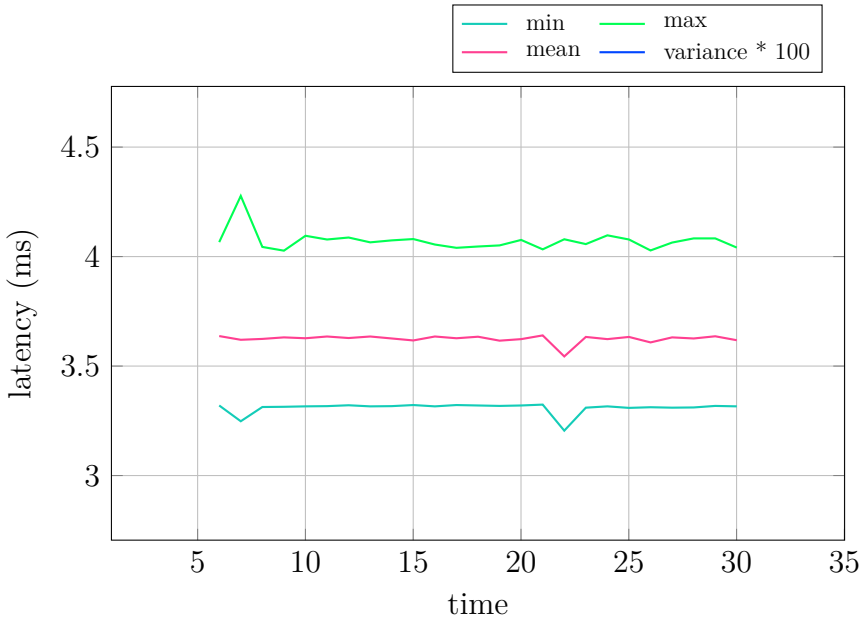
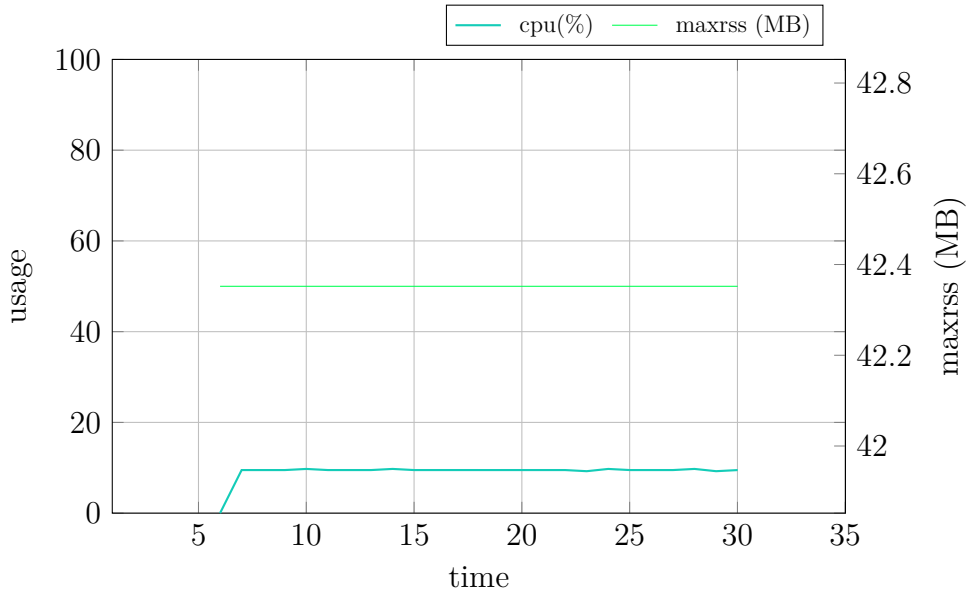
Performance fastrtps

Logfile name	65ee385d-117f-4208-b813-67be54a530c9.csv
Experiment id	ba3210a7-0c7c-4202-80e4-00601ca8527f
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2113db4
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	1.0001
received	99.04
sent	99.04
lost	0.0
relative_loss	0.0
data_received	209720683.2
latency_min (ms)	3.3092
latency_max (ms)	4.0722
latency_mean (ms)	3.6243
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	7.7468
pub_loop_res_max (ms)	8.309
pub_loop_res_mean (ms)	8.0958
pub_loop_res_variance (ms)	0.0
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 (%)	9.1365
max_ram_usage (MB)	42.35

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