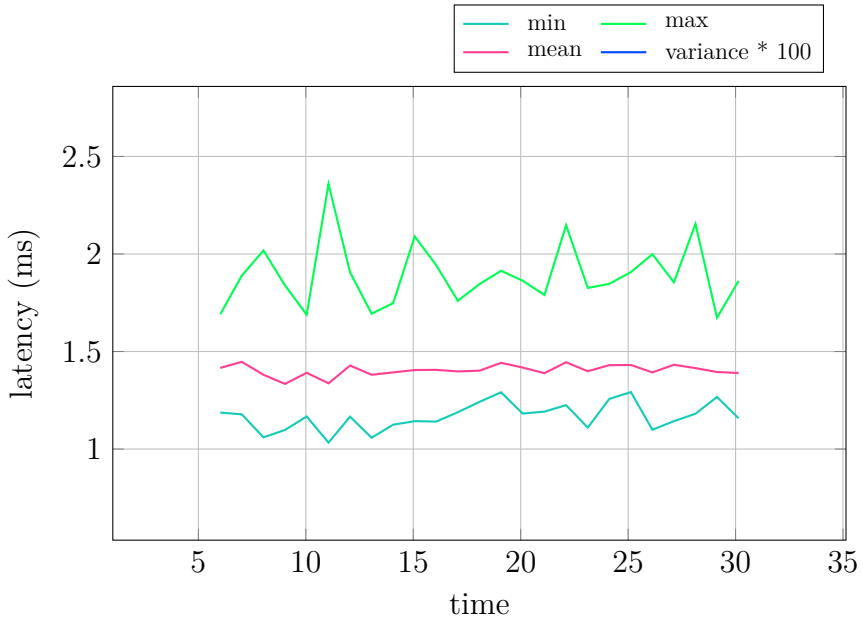
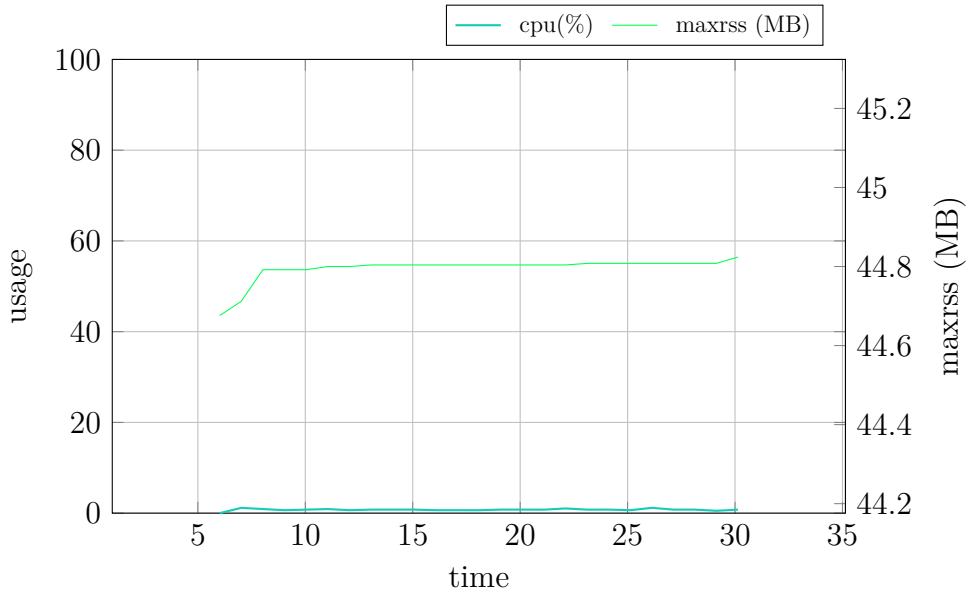
Performance fastrtps

Logfile name	b104cf1d-3370-4376-b13f-caa924b547ba.csv
Experiment id	8aa88932-1a71-4a8e-82e4-3dfaf249ac4a
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	
Publishing rate	20
Topic name	Array2m
Number of publishers	1
Number of subscribers	3
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.005
received	57.24
sent	19.08
lost	0.0
relative_loss	0.0
data_received	125686303.08
latency_min (ms)	1.1674
latency_max (ms)	1.8924
latency_mean (ms)	1.4039
latency_variance (ms)	0.0
pub_loop_res_min (ms)	34.3196
pub_loop_res_max (ms)	48.3144
pub_loop_res_mean (ms)	41.3384
pub_loop_res_variance (ms)	0.0201
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 (%)	0.7565
max_ram_usage (MB)	44.82

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