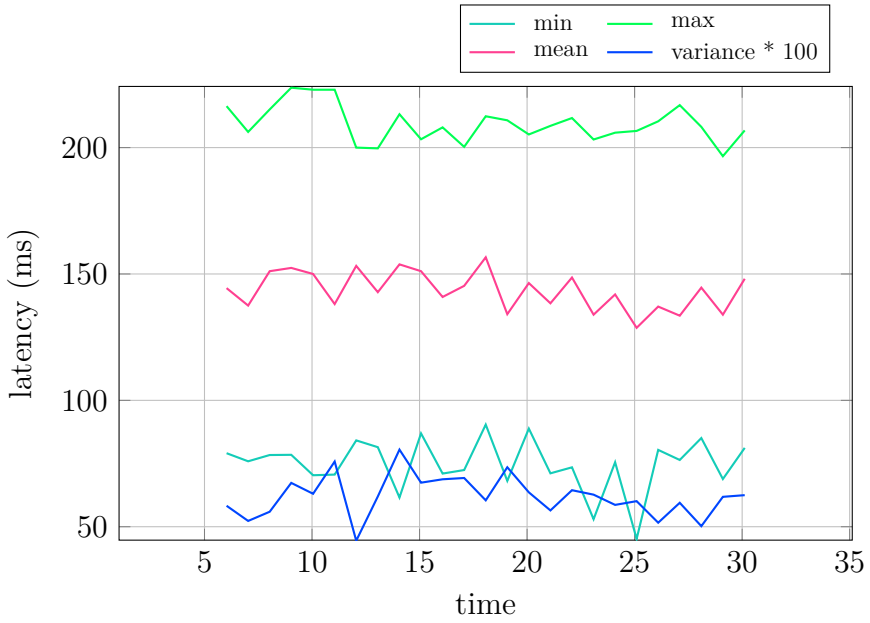
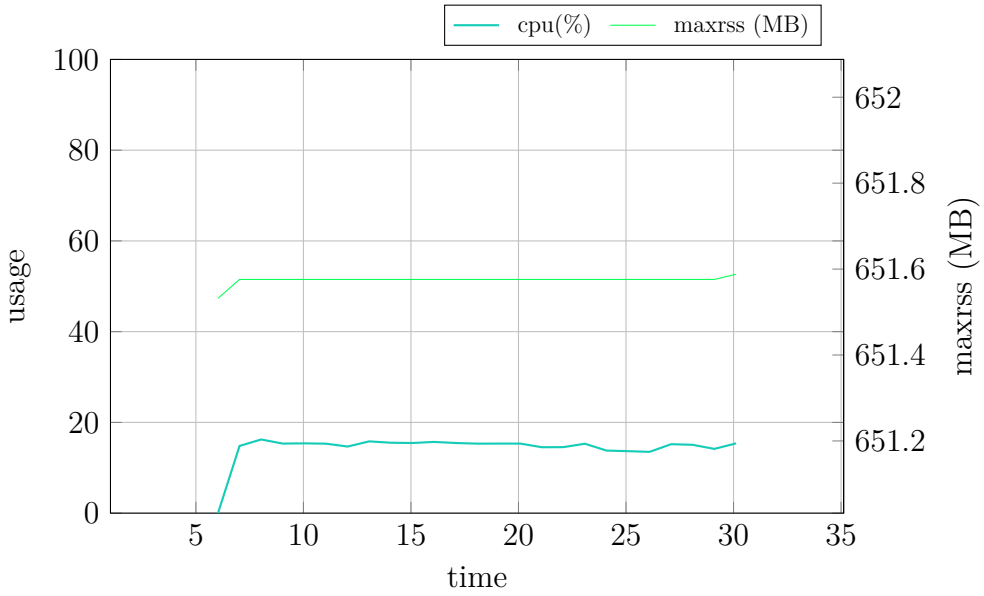
Performance fastrtps

Logfile name	c53ca3e4-0df0-486e-83f2-4cfc6768fd4a.csv
Experiment id	6021c624-05ac-499a-a063-981cb1811458
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	
Publishing rate	500
Topic name	Array2m
Number of publishers	0
Number of subscribers	3
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0037
received	1484.88
sent	0.0
lost	13.32
data_received	3118332248.96
latency_min (ms)	74.7208
latency_max (ms)	209.396
latency_mean (ms)	143.456
latency_variance (ms)	0.6203
pub_loop_res_min (ms)	inf
pub_loop_res_max (ms)	-inf
pub_loop_res_mean (ms)	0.0
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 (%)	14.4332
max_ram_usage (MB)	651.59

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