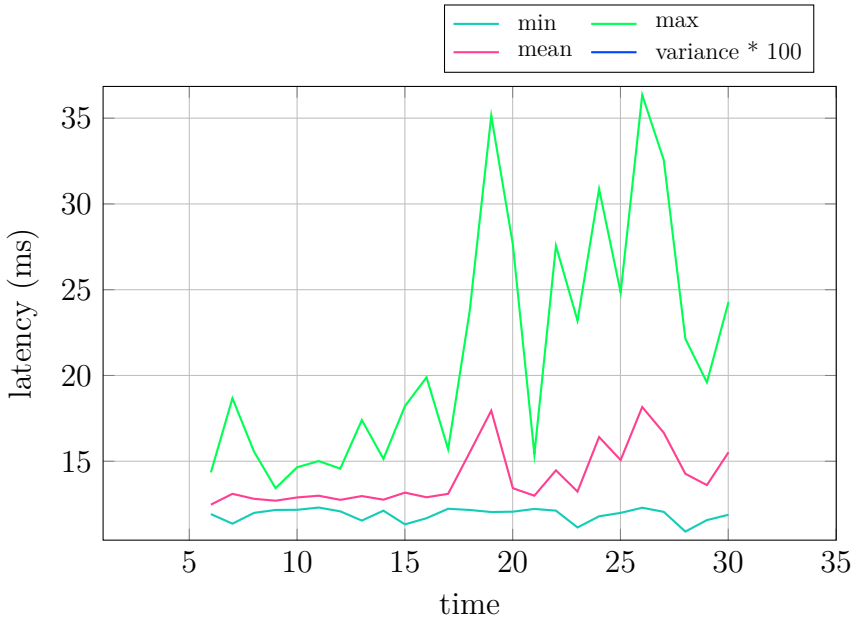
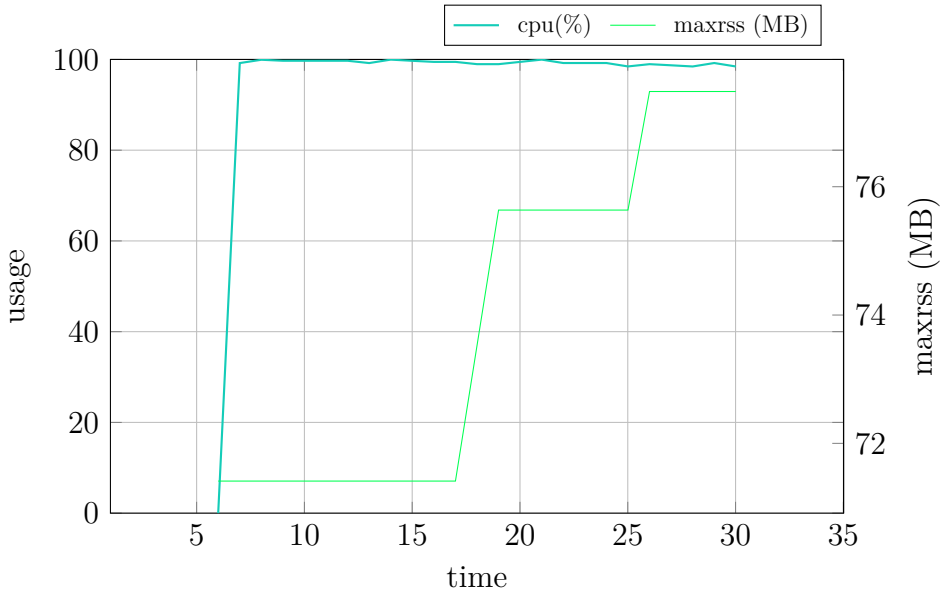
Performance fastrtps

Logfile name	21127cdc-8f84-4c6e-a767-9c64e91229c5.csv
Experiment id	1c6d6d82-19f6-4d09-82ac-1f8f02ff8e0a
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2113db4
Publishing rate	500
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	1.0001
received	476.32
sent	158.76
lost	0.0
relative_loss	0.0
data_received	1004790603.24
latency_min (ms)	11.8832
latency_max (ms)	21.438
latency_mean (ms)	14.0756
latency_variance (ms)	0.0071
pub_loop_res_min (ms)	-12283.52
pub_loop_res_max (ms)	-11606.96
pub_loop_res_mean (ms)	-11945.64
pub_loop_res_variance (ms)	38.7332
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 (%)	95.3184
max_ram_usage (MB)	77.48

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