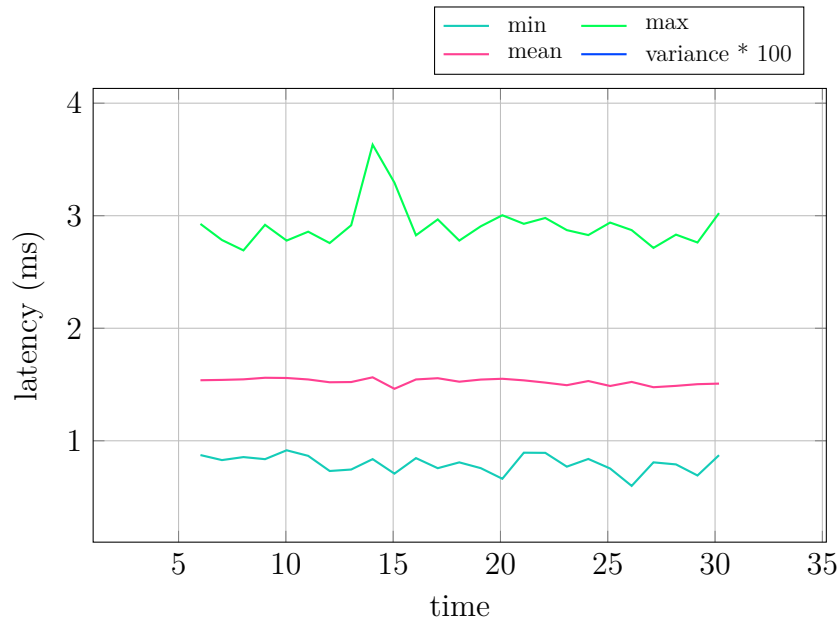
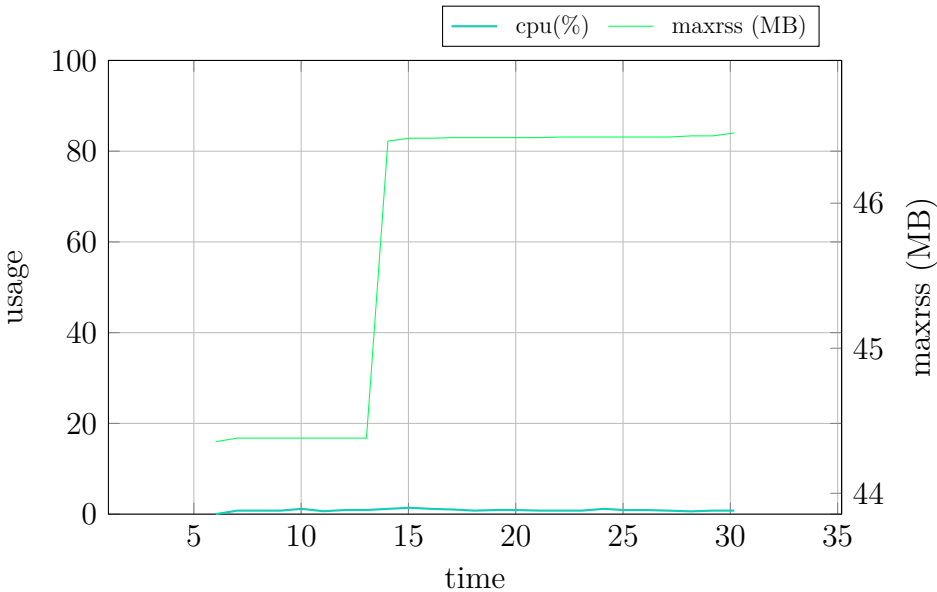


# Performance fastrtps

Logfile name	799a8f40-3d05-4be8-8e35-5af06a7dc9b6.csv
Experiment id	b4a60d47-64cf-44ab-b298-9c84e29be43f
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	3
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0052
received	297.96
sent	99.36
lost	0.0
relative_loss	0.0
data_received	629238332.2
latency_min (ms)	0.7975
latency_max (ms)	2.9115
latency_mean (ms)	1.5256
latency_variance (ms)	0.0003
pub_loop_res_min (ms)	-5.8032
pub_loop_res_max (ms)	9.6414
pub_loop_res_mean (ms)	2.1015
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 (%)	0.8641
max_ram_usage (MB)	46.48

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