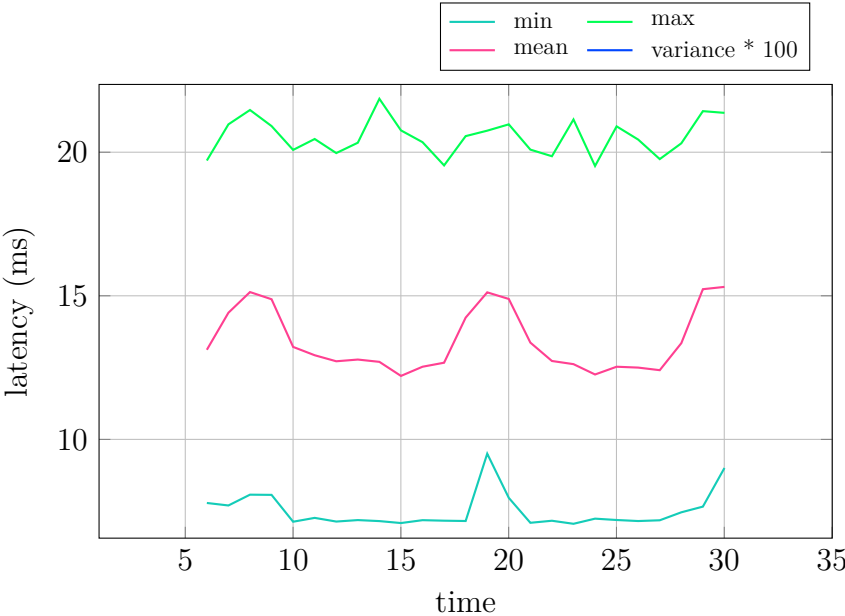
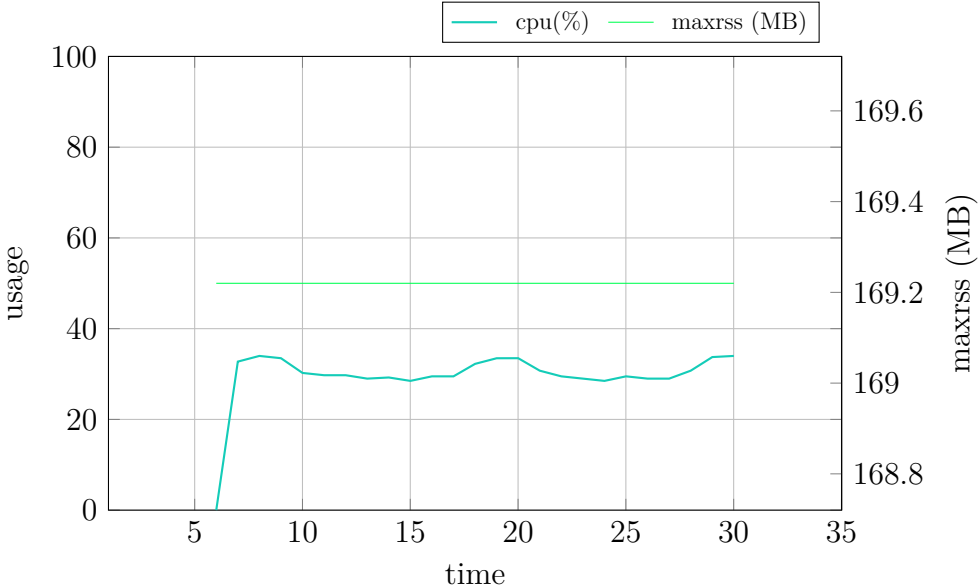


# Performance fastrtps

Logfile name	ccd6b10d-64b8-4c88-914c-5f9926cca21d.csv
Experiment id	896ad97d-fd24-4ccb-b323-53dd0d239d14
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	2113db4
Publishing rate	20
Topic name	Array2m
Number of publishers	1
Number of subscribers	10
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

## average results

Experiment Status	success
T_loop	1.0001
received	190.0
sent	19.0
lost	0.0
relative_loss	0.0
data_received	419299523.16
latency_min (ms)	7.512
latency_max (ms)	20.5404
latency_mean (ms)	13.4344
latency_variance (ms)	0.0148
pub_loop_res_min (ms)	47.7536
pub_loop_res_max (ms)	48.3216
pub_loop_res_mean (ms)	48.1592
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 (%)	29.54
max_ram_usage (MB)	169.22

## 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