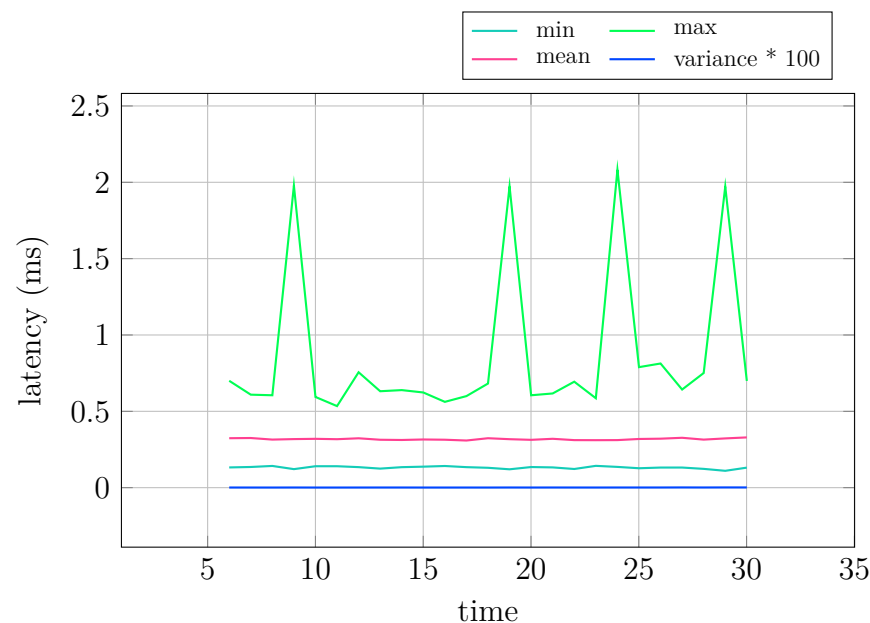
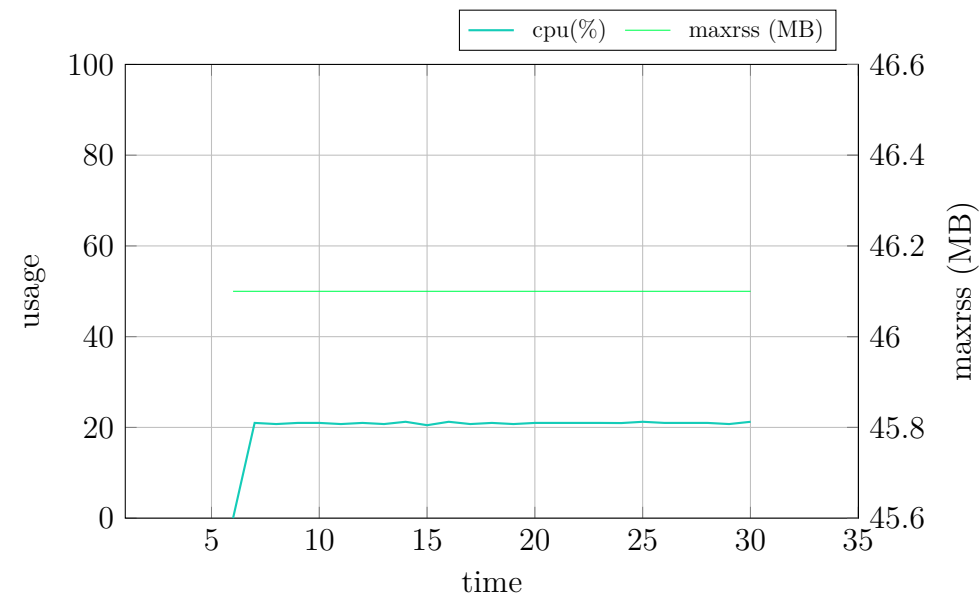


# Performance fastrtps

Logfile name	2fc9f8fa-db12-4ec7-bff8-9feae4256e5f.csv
Experiment id	a89b2a57-9037-43b8-843d-55074dd0eb2a
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	2113db4
Publishing rate	500
Topic name	Array16k
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	1.0002
received	4991.64
sent	499.2
lost	0.0
relative_loss	0.0
data_received	82000137.32
latency_min (ms)	0.1318
latency_max (ms)	0.8695
latency_mean (ms)	0.318
latency_variance (ms)	0.0
pub_loop_res_min (ms)	1.8117
pub_loop_res_max (ms)	1.8825
pub_loop_res_mean (ms)	1.872
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 (%)	20.1092
max_ram_usage (MB)	46.1

## environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Array16k
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