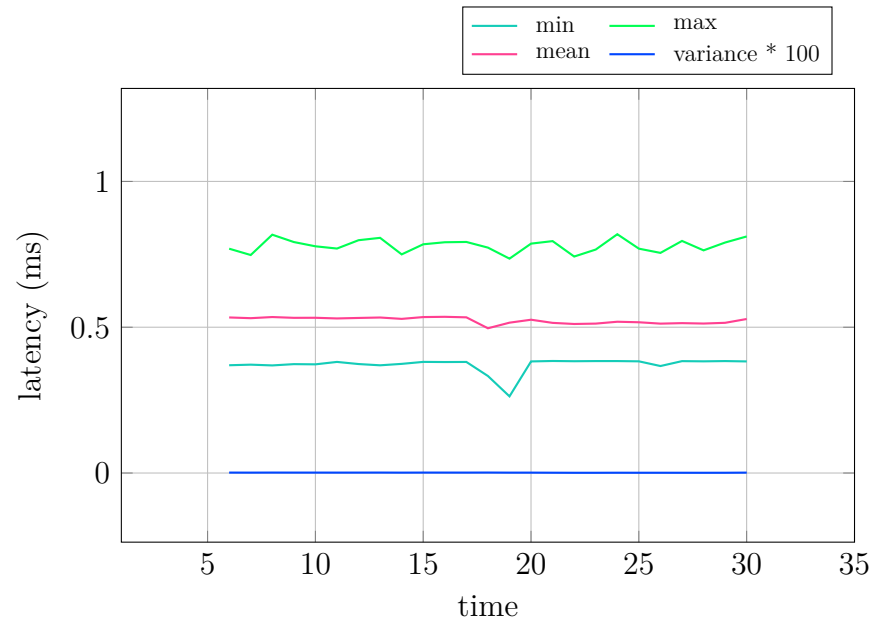
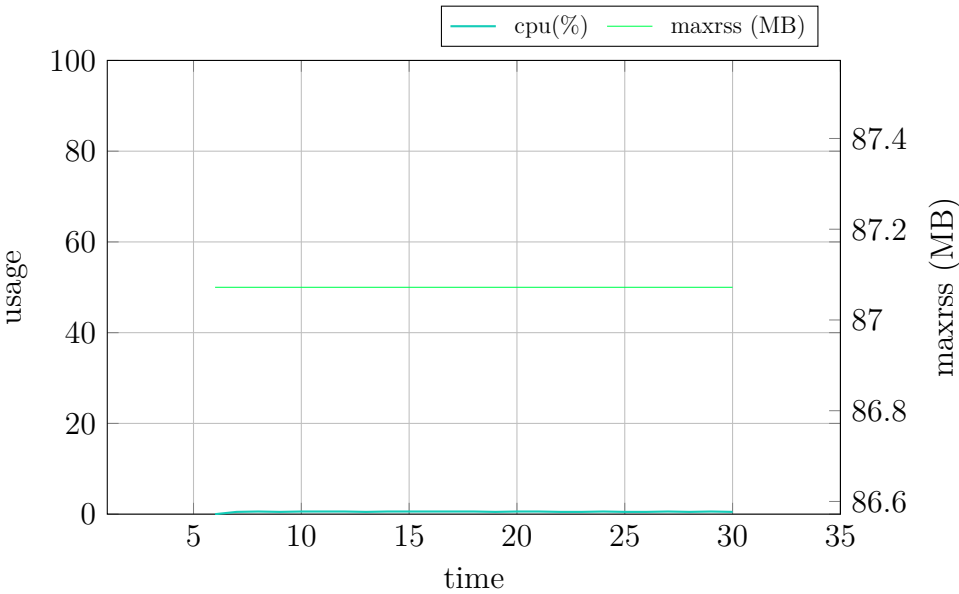


# Performance fastrtps

Logfile name	3c7ff679-9b2d-4a77-837a-db79a0d954e3.csv
Experiment id	bbfdec5f-ff38-4758-946c-80661afe469d
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	2113db4
Publishing rate	20
Topic name	Struct32k
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	13543868.8
latency_min (ms)	0.3718
latency_max (ms)	0.78
latency_mean (ms)	0.5235
latency_variance (ms)	0.0
pub_loop_res_min (ms)	49.7392
pub_loop_res_max (ms)	49.7488
pub_loop_res_mean (ms)	49.7408
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 (%)	0.5263
max_ram_usage (MB)	87.07

## environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Struct32k
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