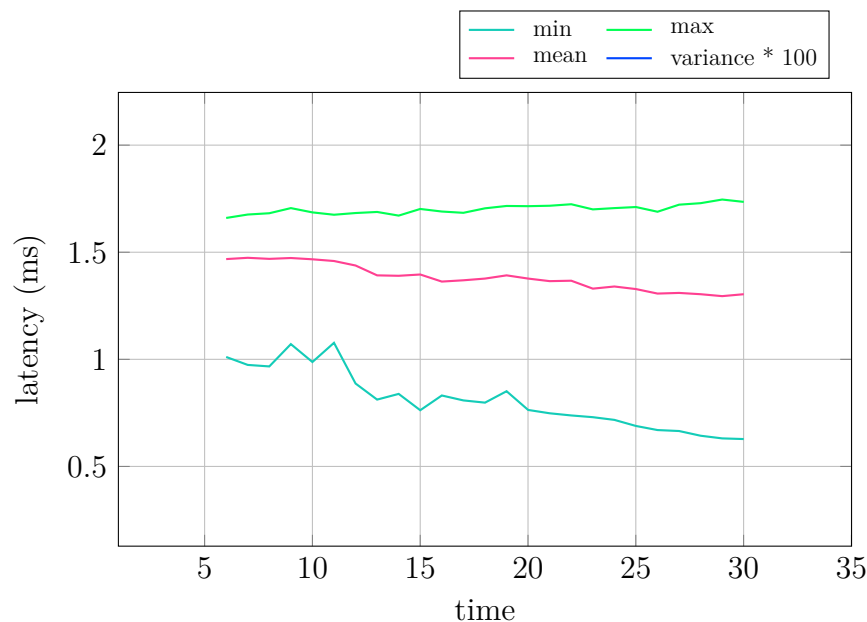
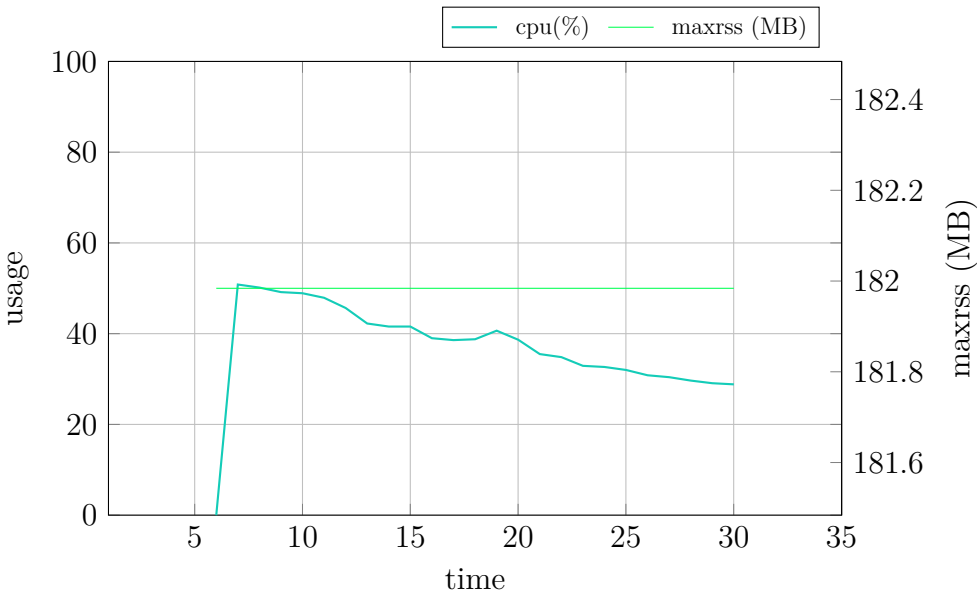


# Performance fastrtps

Logfile name	76011caf-dbcdb-4e1a-b548-5a0b49b4b5e2.csv
Experiment id	f4ed81b5-c57b-4737-a771-96fc9b68004c
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	10
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

## average results

Experiment Status	success
T_loop	1.0001
received	4990.84
sent	499.12
lost	0.0
relative_loss	0.0
data_received	10485519176.6
latency_min (ms)	0.8119
latency_max (ms)	1.7007
latency_mean (ms)	1.3822
latency_variance (ms)	0.0001
pub_loop_res_min (ms)	1.749
pub_loop_res_max (ms)	1.7681
pub_loop_res_mean (ms)	1.7618
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 (%)	37.2153
max_ram_usage (MB)	181.98

## 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