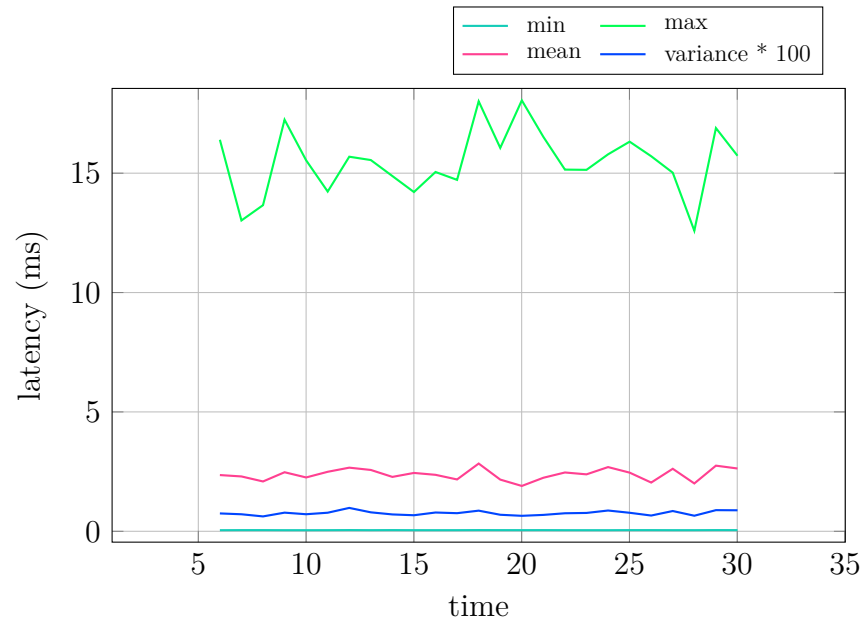
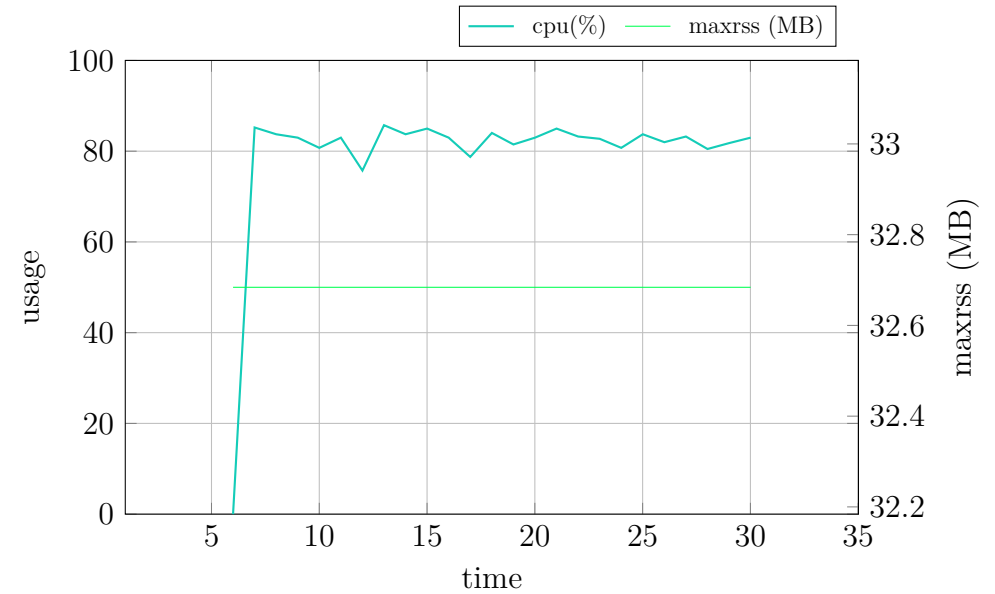


# Performance fastrtps

Logfile name	ca42776c-ec0c-45c4-b415-c7a014b098e5.csv
Experiment id	05fe8bf0-ecc8-4391-8bc1-0ec19f989e7f
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

## test setup

Performance Test Version	2113db4
Publishing rate	0
Topic name	Struct16
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	95615.08
sent	13524.56
lost	39676.88
relative_loss	2.9168
data_received	3059815.44
latency_min (ms)	0.0472
latency_max (ms)	15.4868
latency_mean (ms)	2.3852
latency_variance (ms)	0.0076
pub_loop_res_min (ms)	-18811.2
pub_loop_res_max (ms)	9223000000000.0
pub_loop_res_mean (ms)	4611720000000.0
pub_loop_res_variance (ms)	2.127e+22
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 (%)	79.274
max_ram_usage (MB)	32.68

## environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Struct16
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