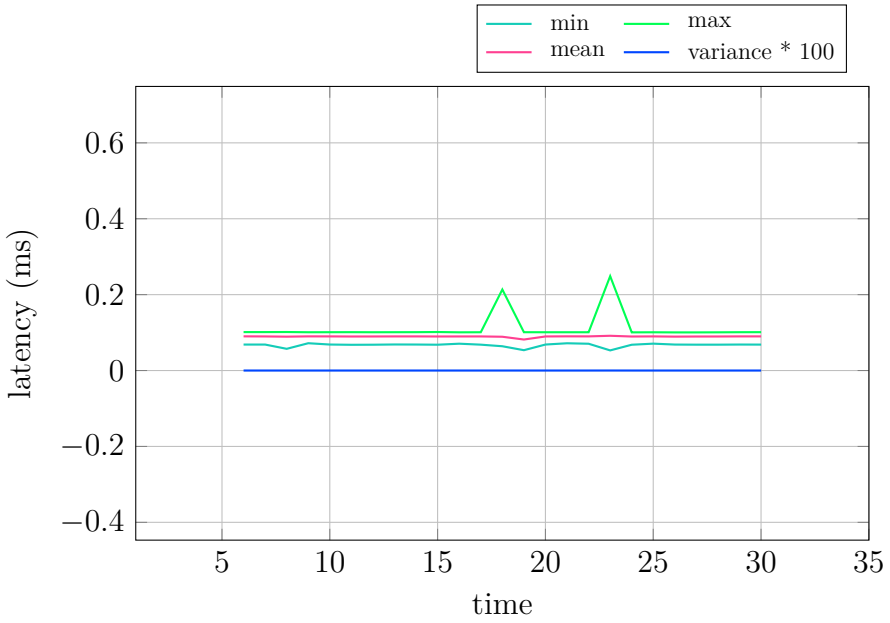
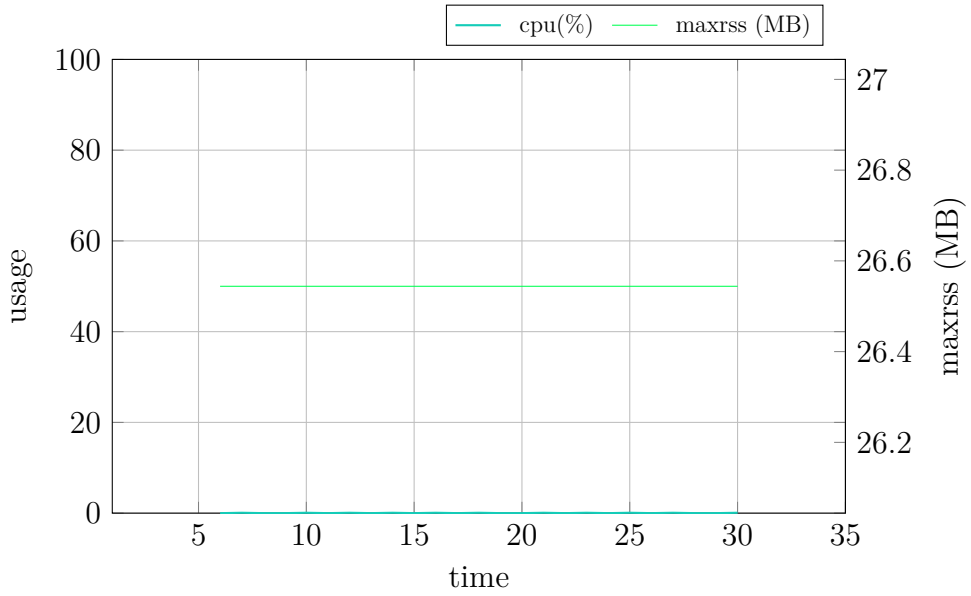
Performance fastrtps

Logfile name	5a65d065-f5db-4dc9-b45a-0cb270cf4d29.csv
Experiment id	03798b7a-e102-4874-b3b4-3d2adfa90efd
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2113db4
Publishing rate	20
Topic name	Struct16
Number of publishers	1
Number of subscribers	3
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0001
received	57.0
sent	19.0
lost	0.0
relative_loss	0.0
data_received	1917.0
latency_min (ms)	0.0671
latency_max (ms)	0.1114
latency_mean (ms)	0.0895
latency_variance (ms)	0.0
pub_loop_res_min (ms)	49.8996
pub_loop_res_max (ms)	49.9076
pub_loop_res_mean (ms)	49.9004
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 (%)	0.0363
max_ram_usage (MB)	26.54

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