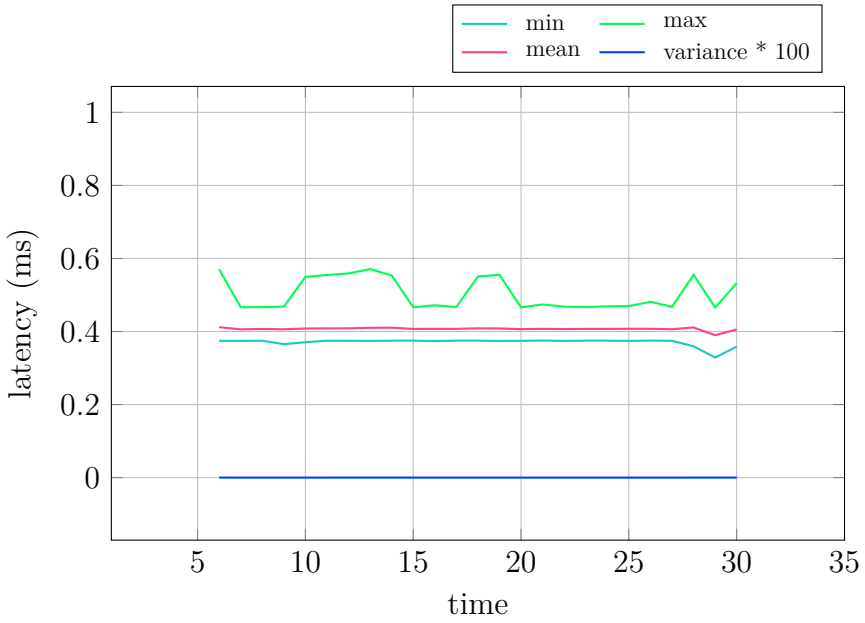
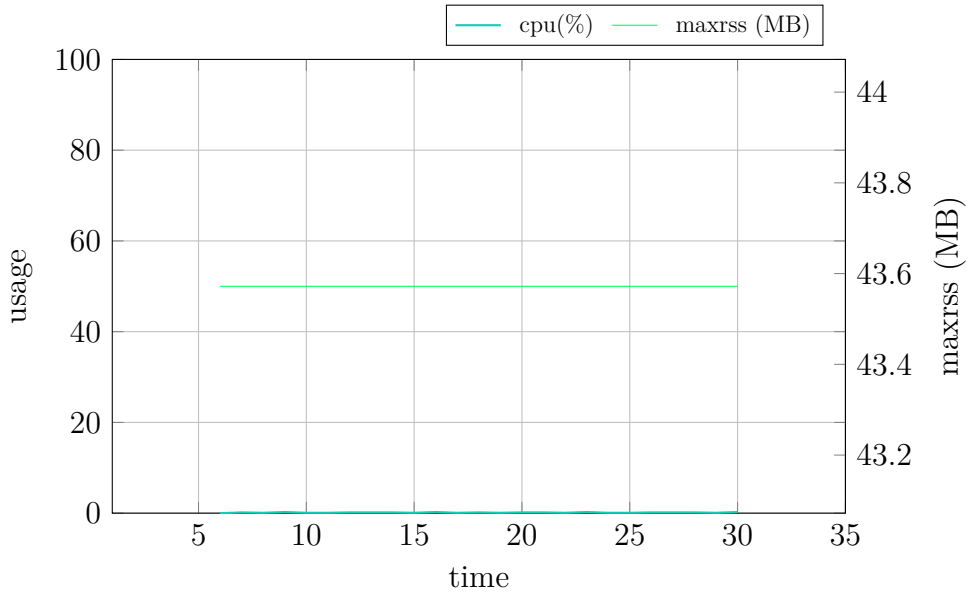
Performance fastrtps

Logfile name	681af40b-b65e-4086-a920-2f1e7af10a8e.csv
Experiment id	19d75b0a-5cfe-42a6-993f-551d58225e00
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	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	4063161.72
latency_min (ms)	0.3711
latency_max (ms)	0.5035
latency_mean (ms)	0.4071
latency_variance (ms)	0.0
pub_loop_res_min (ms)	49.7392
pub_loop_res_max (ms)	49.7468
pub_loop_res_mean (ms)	49.74
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 (%)	0.1396
max_ram_usage (MB)	43.57

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