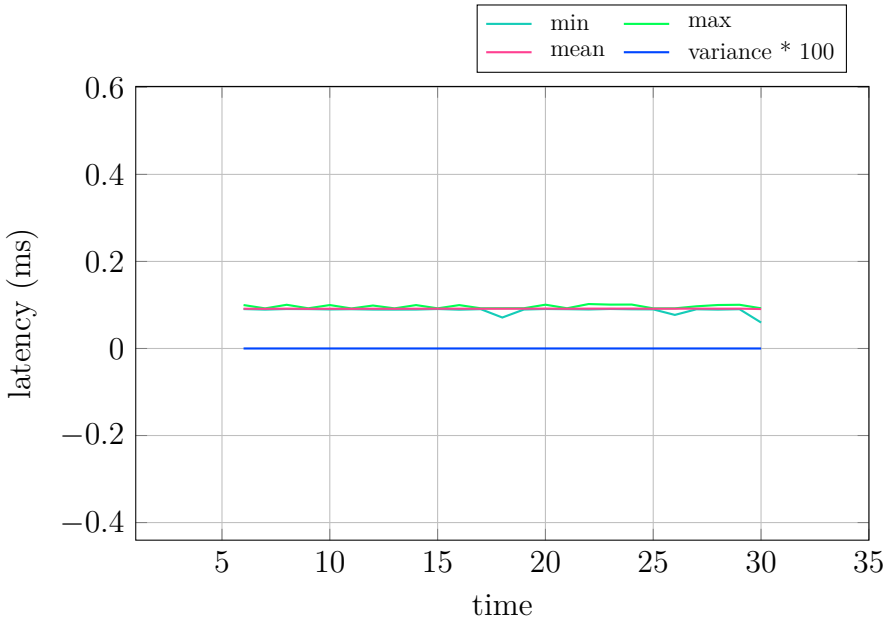
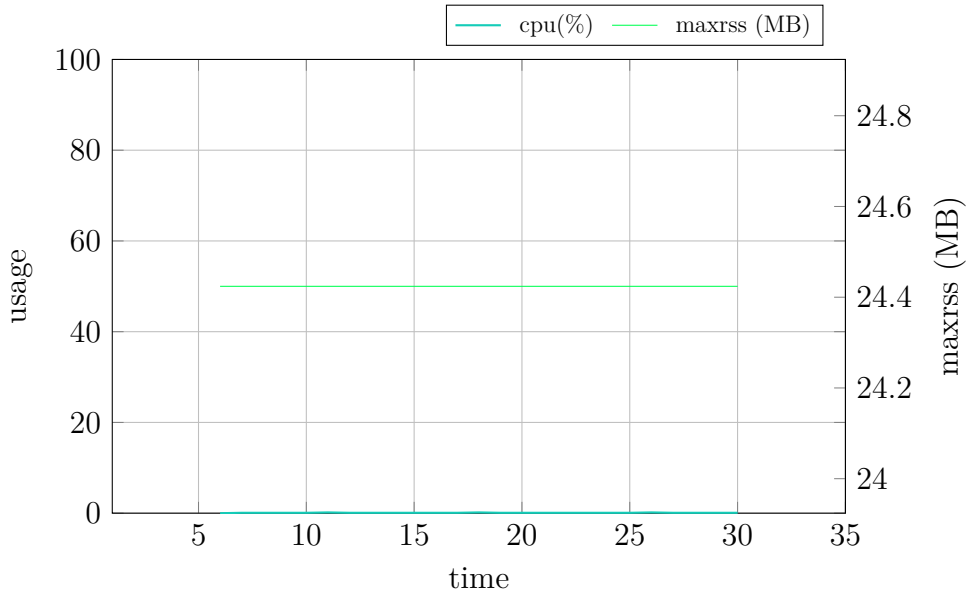
Performance fastrtps

Logfile name	9ac50487-439c-421d-9a68-b0d9d03fe59a.csv
Experiment id	b3fe12cd-9255-4341-bf5e-566efa9c6de9
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2113db4
Publishing rate	100
Topic name	Struct16
Number of publishers	1
Number of subscribers	1
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0001
received	99.0
sent	99.0
lost	0.0
relative_loss	0.0
data_received	3199.0
latency_min (ms)	0.0875
latency_max (ms)	0.0963
latency_mean (ms)	0.0914
latency_variance (ms)	0.0
pub_loop_res_min (ms)	9.8663
pub_loop_res_max (ms)	9.9173
pub_loop_res_mean (ms)	9.9034
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 (%)	0.0897
max_ram_usage (MB)	24.42

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