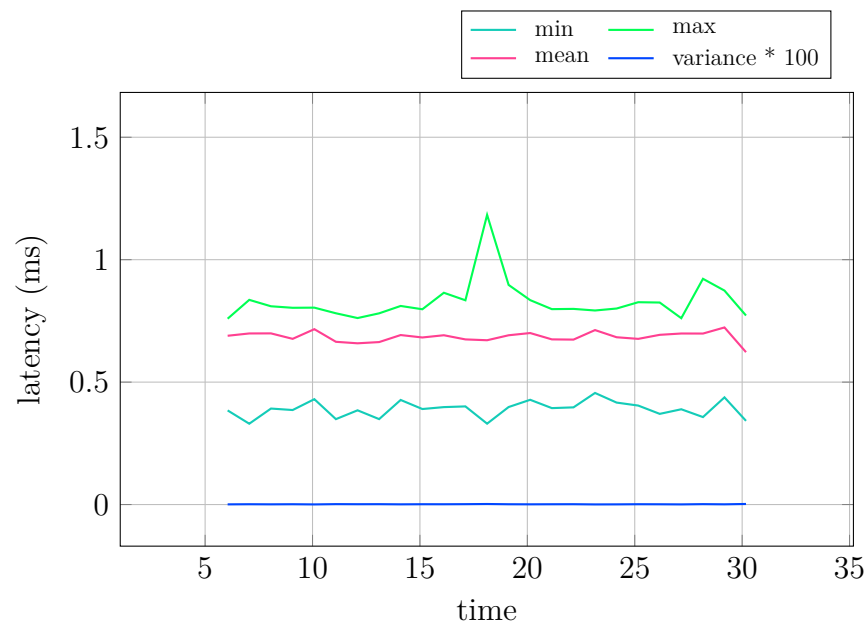
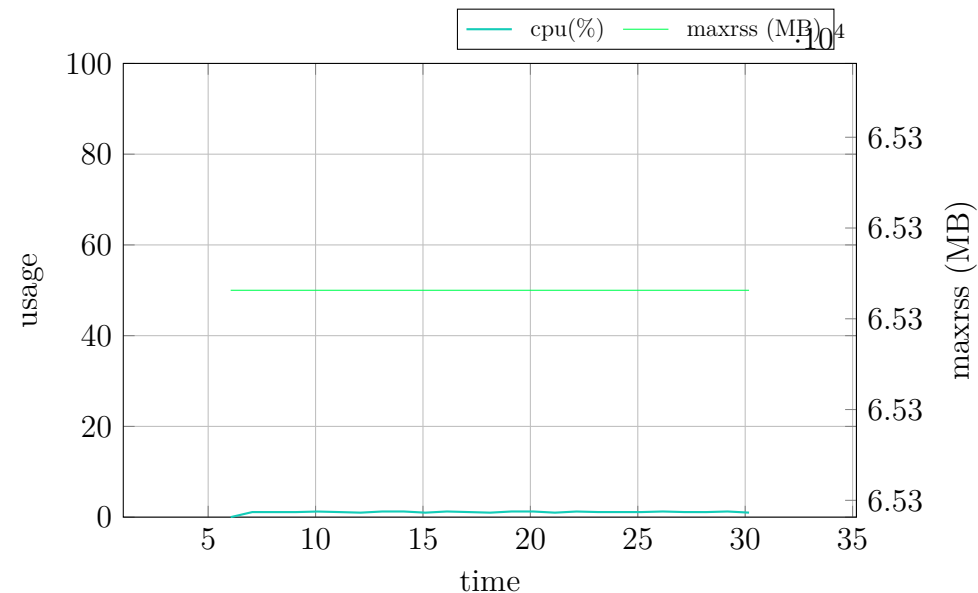


Performance fastrtps

Logfile name	22073c71-0179-492f-aa1c-39f0af56ea3d.csv
Experiment id	477b0199-adf1-4084-b2d2-442d55f6388b
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	2fc8cc2-dirty
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	1.0053
received	57.36
sent	19.12
lost	0.0
relative_loss	0.0
data_received	4065788.08
latency_min (ms)	0.3896
latency_max (ms)	0.8291
latency_mean (ms)	0.685
latency_variance (ms)	0.0
pub_loop_res_min (ms)	39.5592
pub_loop_res_max (ms)	49.2072
pub_loop_res_mean (ms)	42.6144
pub_loop_res_variance (ms)	0.0113
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 (%)	1.0943
max_ram_usage (MB)	65273.86

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