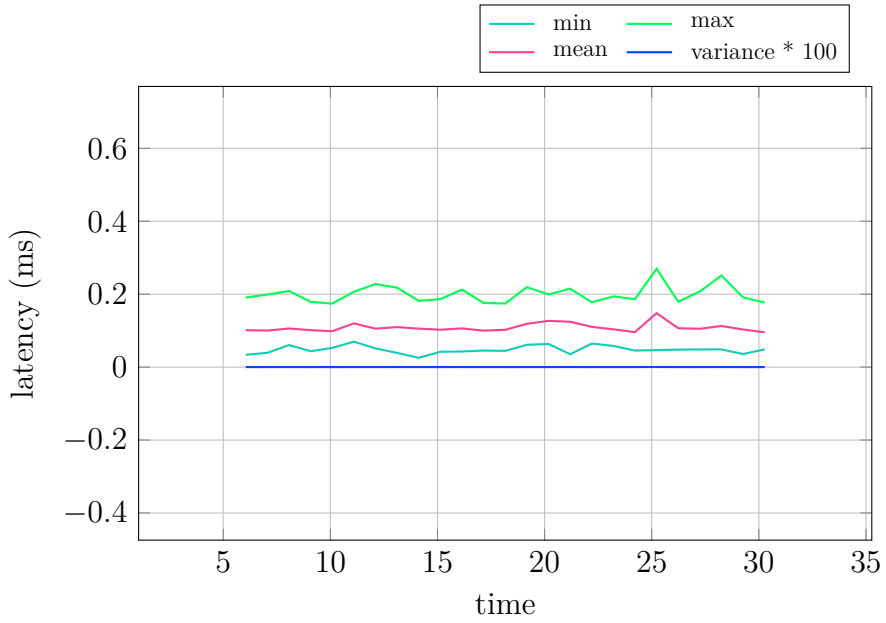
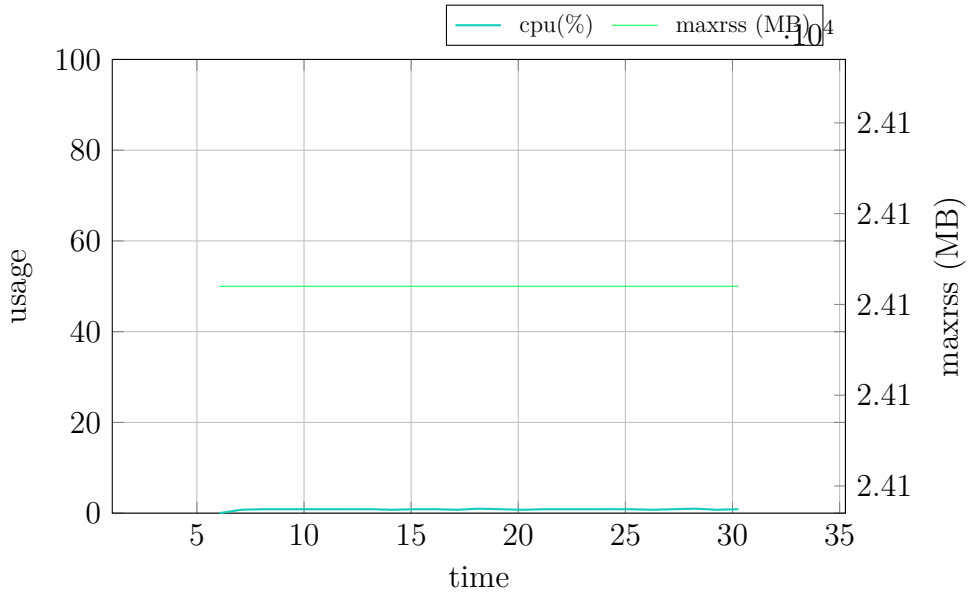
Performance fastrtps

Logfile name	8dd503d0-2942-44ae-8dcc-1f9cb06e8b63.csv
Experiment id	e53358c2-752d-4218-b310-f0ed377759c1
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2fc8cc2-dirty
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	1.009
received	57.6
sent	19.2
lost	0.0
relative_loss	0.0
data_received	1920.12
latency_min (ms)	0.0478
latency_max (ms)	0.2001
latency_mean (ms)	0.1084
latency_variance (ms)	0.0
pub_loop_res_min (ms)	39.8224
pub_loop_res_max (ms)	49.0196
pub_loop_res_mean (ms)	42.668
pub_loop_res_variance (ms)	0.01
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 (%)	0.8125
max_ram_usage (MB)	24117.25

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