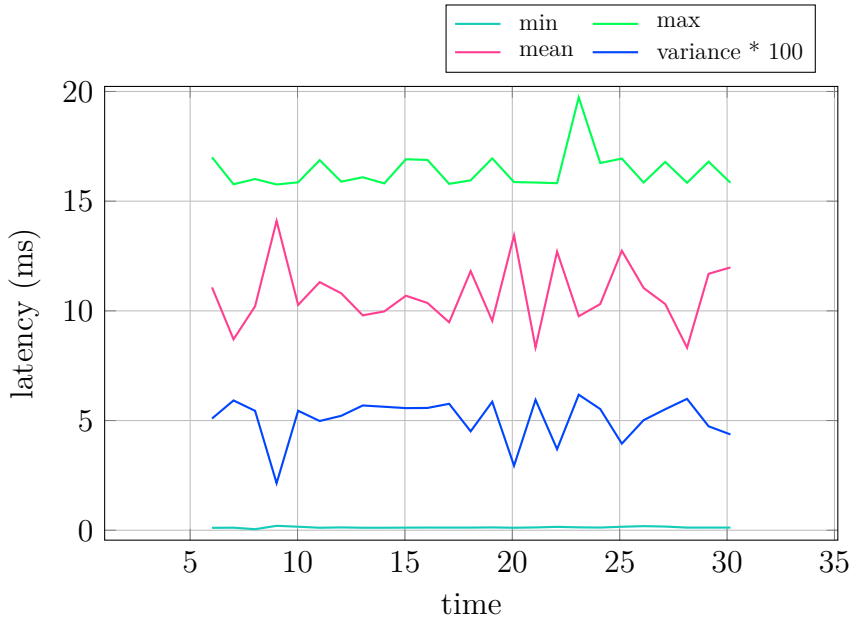
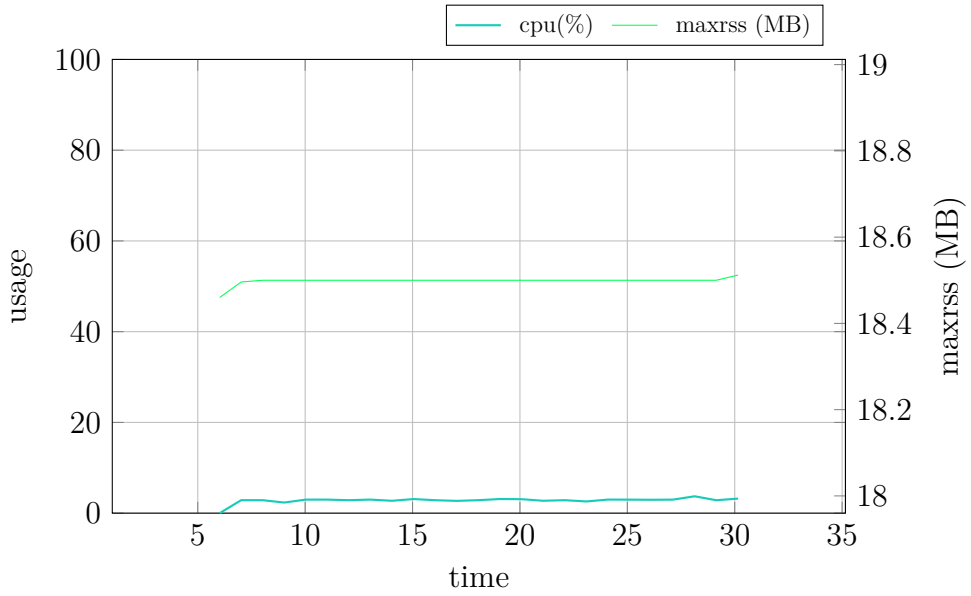
Performance fastrtps

Logfile name	039b63a3-288f-4fc4-86df-3718db35959d.csv
Experiment id	ac66d5e8-eb49-4dc1-9b8d-ce50b3e00ef2
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

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

average results

Experiment Status	success
T_loop	1.0055
received	19.12
sent	0.0
lost	0.0
data_received	639.8
latency_min (ms)	0.1294
latency_max (ms)	16.3844
latency_mean (ms)	10.7494
latency_variance (ms)	0.0507
pub_loop_res_min (ms)	inf
pub_loop_res_max (ms)	-inf
pub_loop_res_mean (ms)	0.0
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 (%)	2.8065
max_ram_usage (MB)	18.51

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