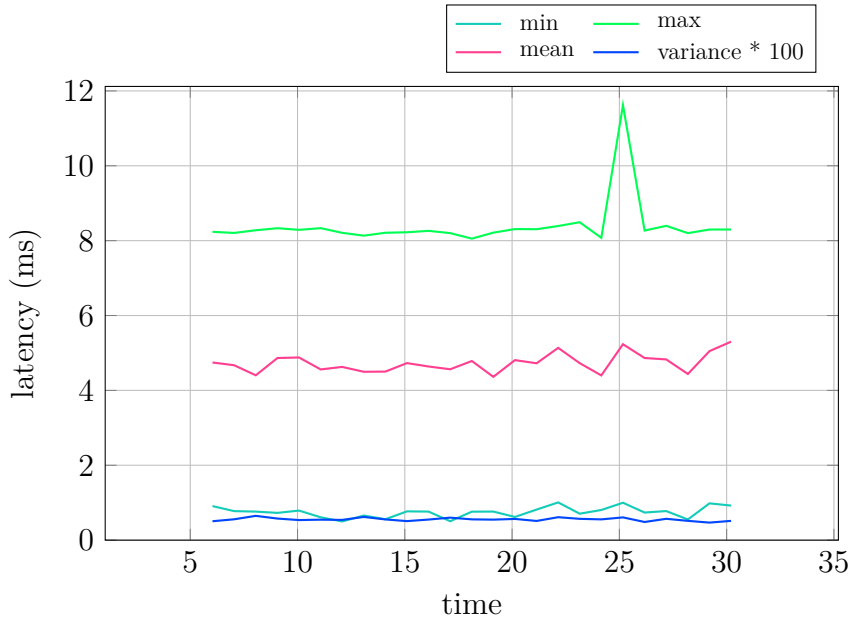
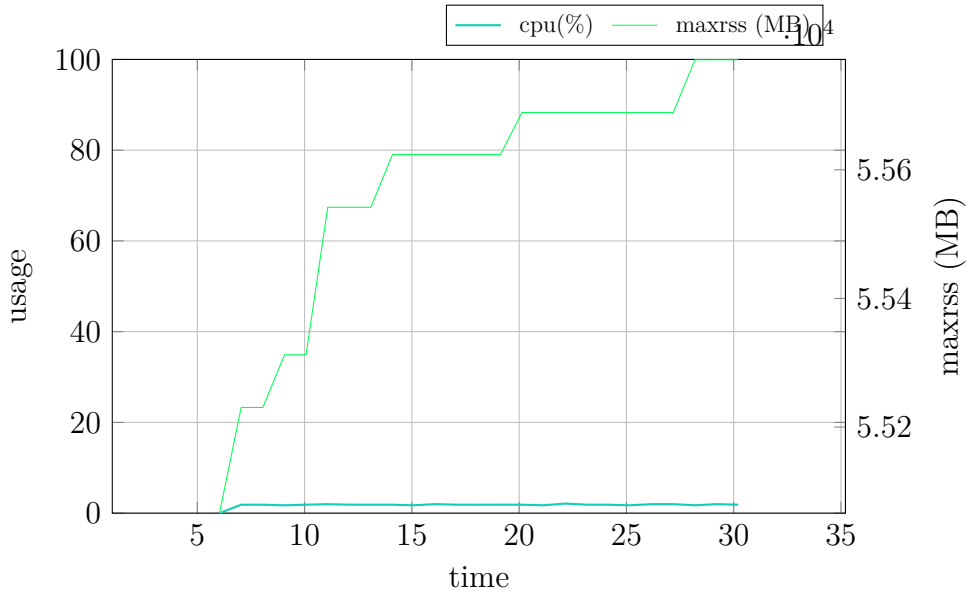
Performance fastrtps

Logfile name	caf9f072-95bf-4661-af1b-3dbba7766a84.csv
Experiment id	4f2ea7c4-af63-4ca2-a9d5-eeff19da52e8
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	100
Topic name	Struct32k
Number of publishers	0
Number of subscribers	3
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0068
received	296.4
sent	0.0
lost	0.0
relative_loss	nan
data_received	20161924.8
latency_min (ms)	0.7503
latency_max (ms)	8.3936
latency_mean (ms)	4.7335
latency_variance (ms)	0.0055
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 (%)	1.7972
max_ram_usage (MB)	55771.14

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