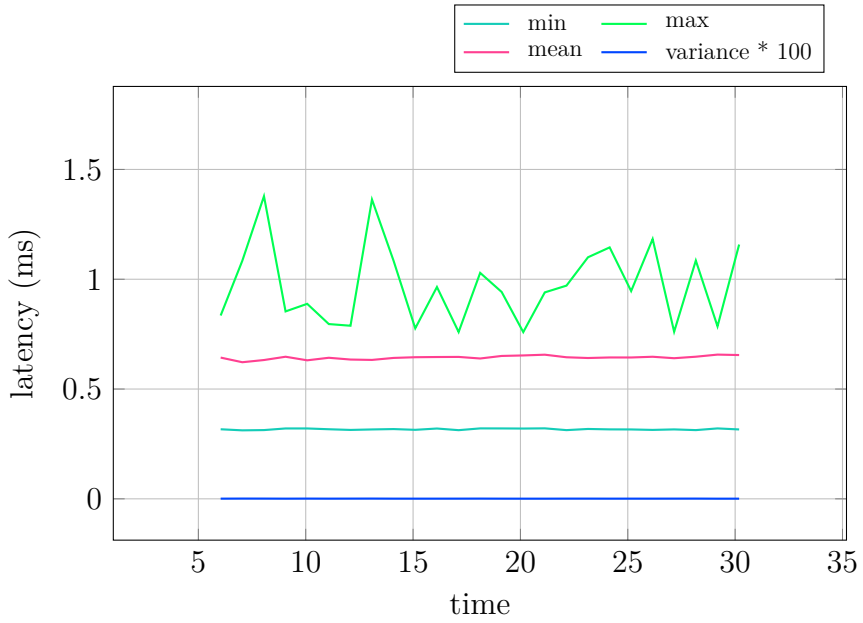
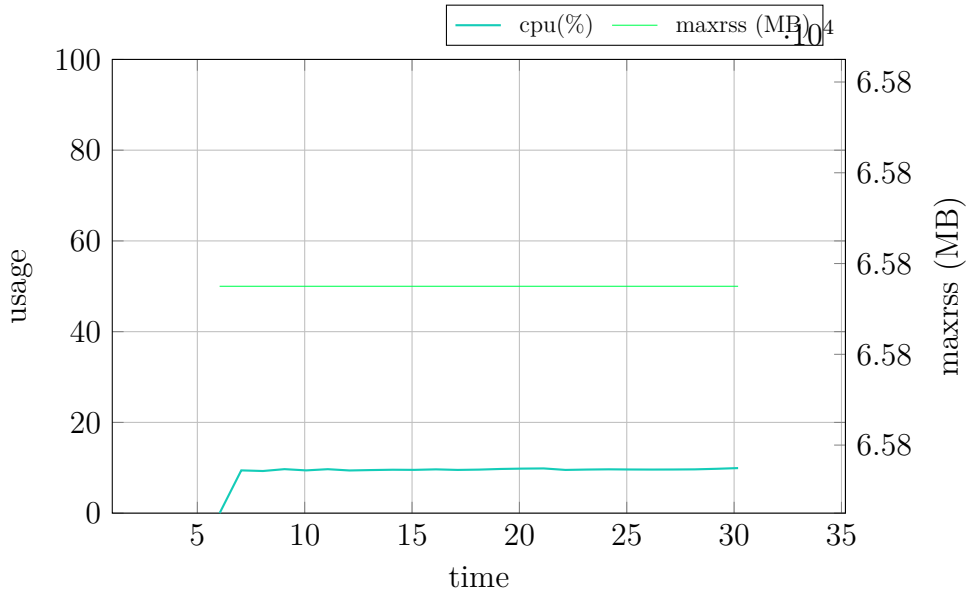
Performance fastrtps

Logfile name	32c48be1-1f9a-4194-9938-d366aa0f965a.csv
Experiment id	c29b8bf1-0b4a-4ba8-9516-708d83fd0924
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	2fc8cc2-dirty
Publishing rate	500
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	1.0058
received	1498.44
sent	499.48
lost	0.0
relative_loss	0.0
data_received	101592528.52
latency_min (ms)	0.3168
latency_max (ms)	0.975
latency_mean (ms)	0.6433
latency_variance (ms)	0.0
pub_loop_res_min (ms)	0.879
pub_loop_res_max (ms)	1.7453
pub_loop_res_mean (ms)	1.1298
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 (%)	9.2281
max_ram_usage (MB)	65798.14

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