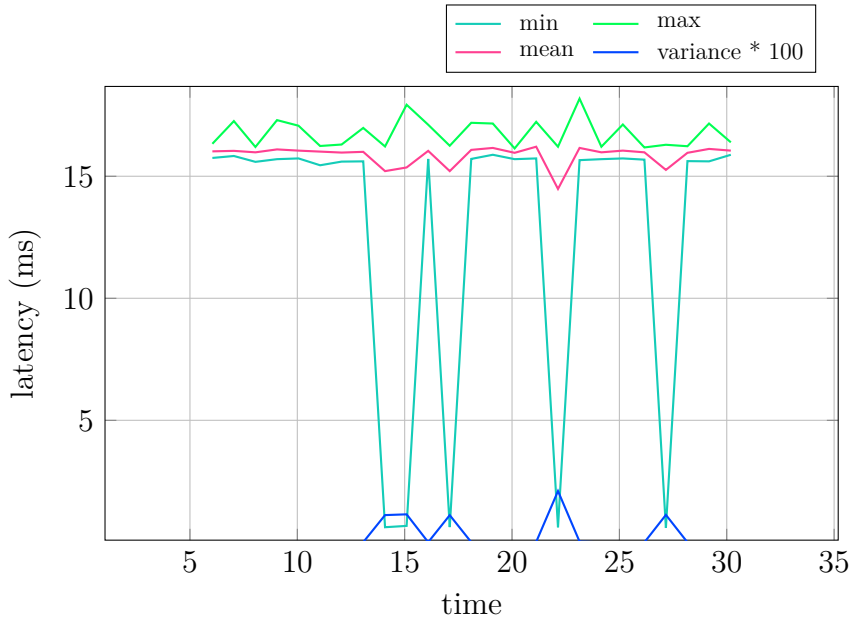
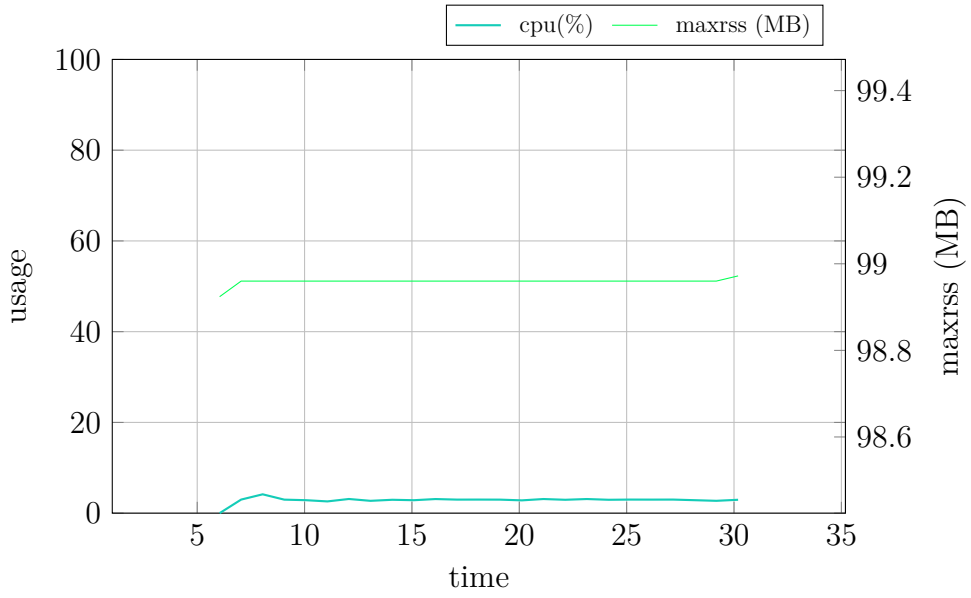
Performance fastrtps

Logfile name	7f0df306-bb2b-4c5e-aca2-fec7647df461.csv
Experiment id	bfffbb02-0034-44a3-aa2c-734dd435aabc
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	
Publishing rate	20
Topic name	Struct32k
Number of publishers	0
Number of subscribers	10
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.0063
received	191.2
sent	0.0
lost	0.0
data_received	13540861.28
latency_min (ms)	12.6797
latency_max (ms)	16.7552
latency_mean (ms)	15.8576
latency_variance (ms)	0.0027
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 (%)	2.8682
max_ram_usage (MB)	98.97

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