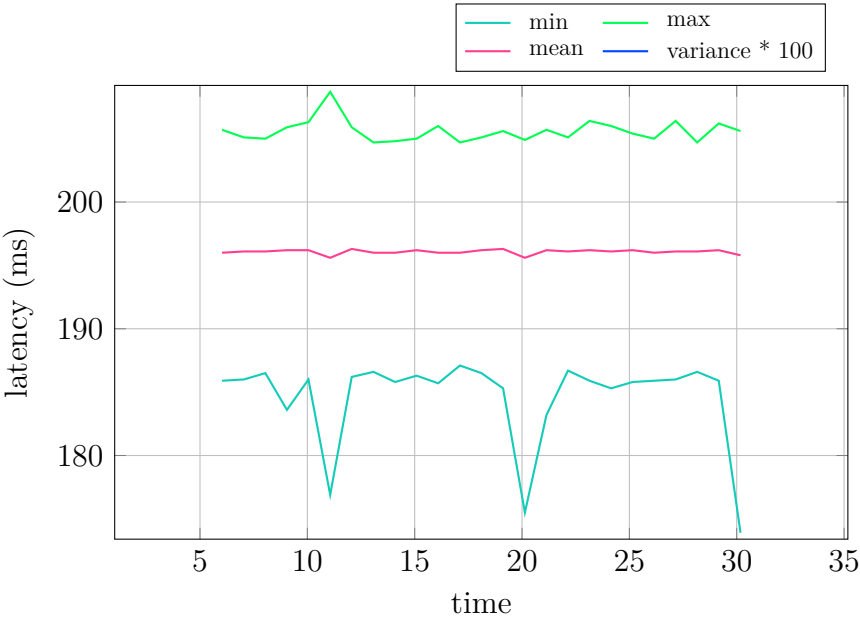
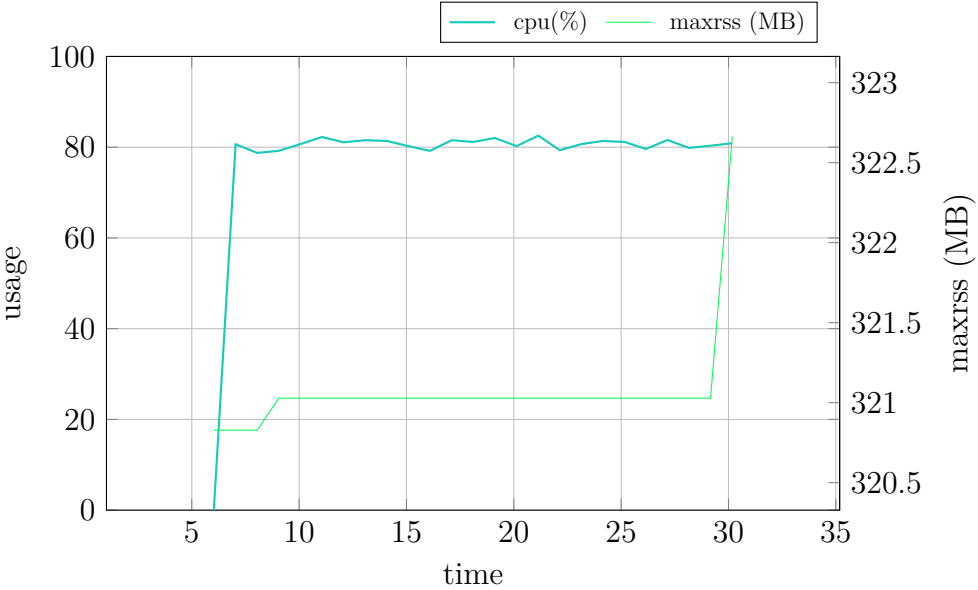


Performance fastrtps

Logfile name	a6135a4c-5f2e-4731-9de3-d8cad5fa3c45.csv
Experiment id	9cd88f10-2905-47b8-a41b-276e02c510f4
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage ([man getrusage](#))

test setup

Performance Test Version	
Publishing rate	500
Topic name	Array2m
Number of publishers	1
Number of subscribers	10
Maximum runtime (sec)	30
DDS domain id	0
Single participant	-

average results

Experiment Status	success
T_loop	1.006
received	3911.92
sent	499.56
lost	1078.4
relative_loss	2.1588
data_received	8212796567.68
latency_min (ms)	184.604
latency_max (ms)	205.596
latency_mean (ms)	196.072
latency_variance (ms)	0.0173
pub_loop_res_min (ms)	-14.6052
pub_loop_res_max (ms)	1.7929
pub_loop_res_mean (ms)	-5.1401
pub_loop_res_variance (ms)	0.0161
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 (%)	77.4876
max_ram_usage (MB)	322.66

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Array2m
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