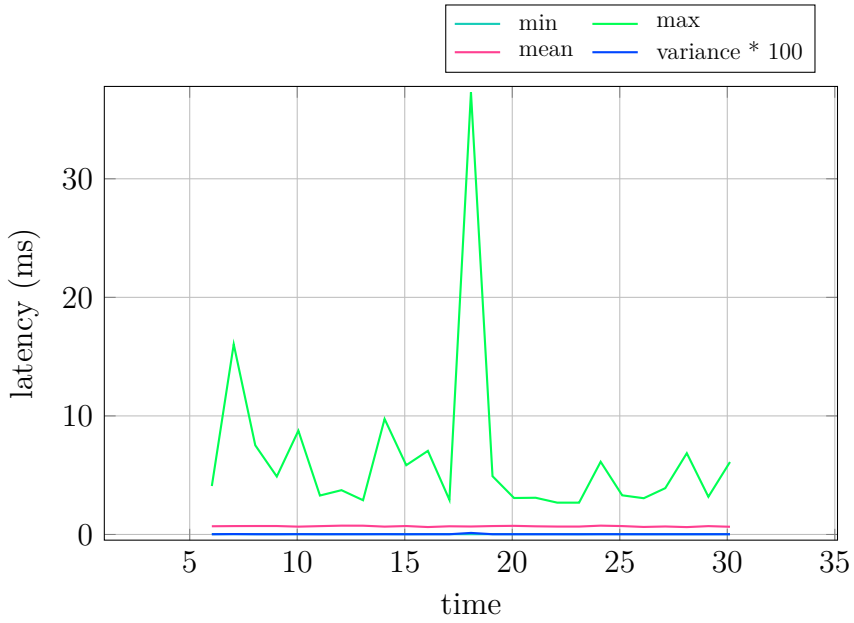
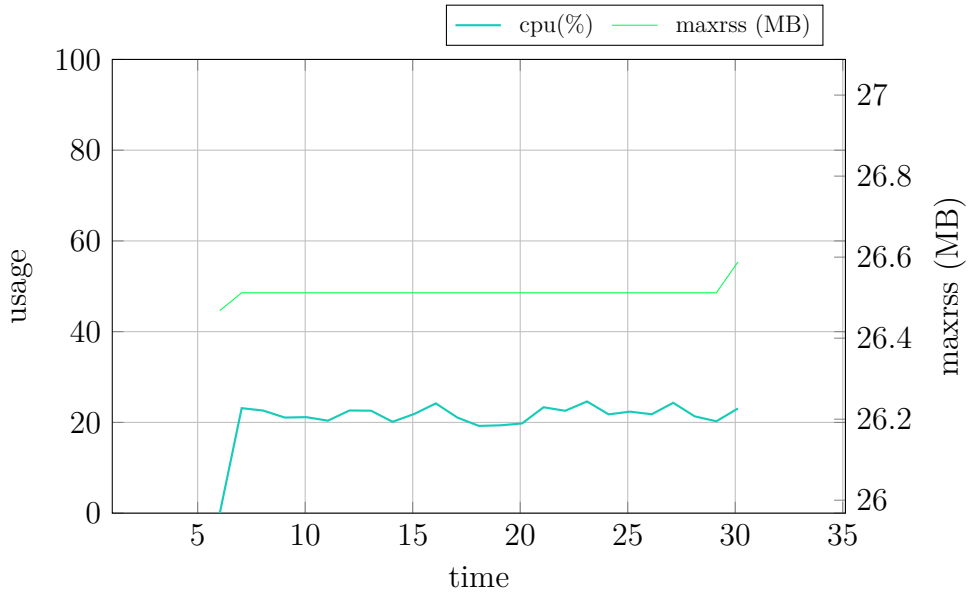
Performance fastrtps

Logfile name	2c9a40dd-3e76-478e-b44d-ba308d6ecf39.csv
Experiment id	dbba2754-1d57-4050-b95d-cb212ce477da
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR



Latencies



Resource usage (man getrusage)

test setup

Performance Test Version	
Publishing rate	0
Topic name	Array16k
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	1.0042
received	299045.2
sent	0.0
lost	182744.88
relative_loss	inf
data_received	4904366518.72
latency_min (ms)	0.0242
latency_max (ms)	6.5218
latency_mean (ms)	0.6889
latency_variance (ms)	0.0003
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 (%)	20.9852
max_ram_usage (MB)	26.59

environment

Ignore seconds from beginning	5
Memory check enabled	0
Msg name	Array16k
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