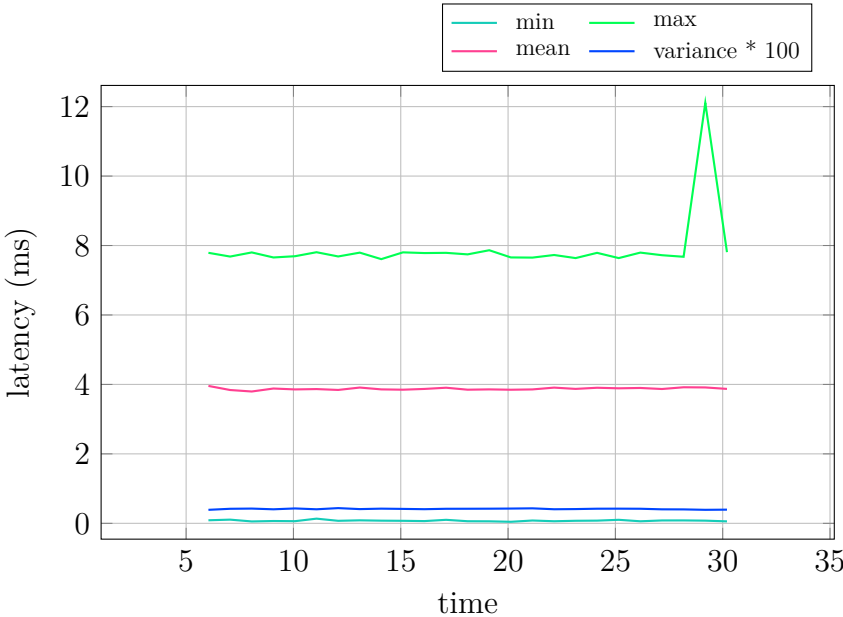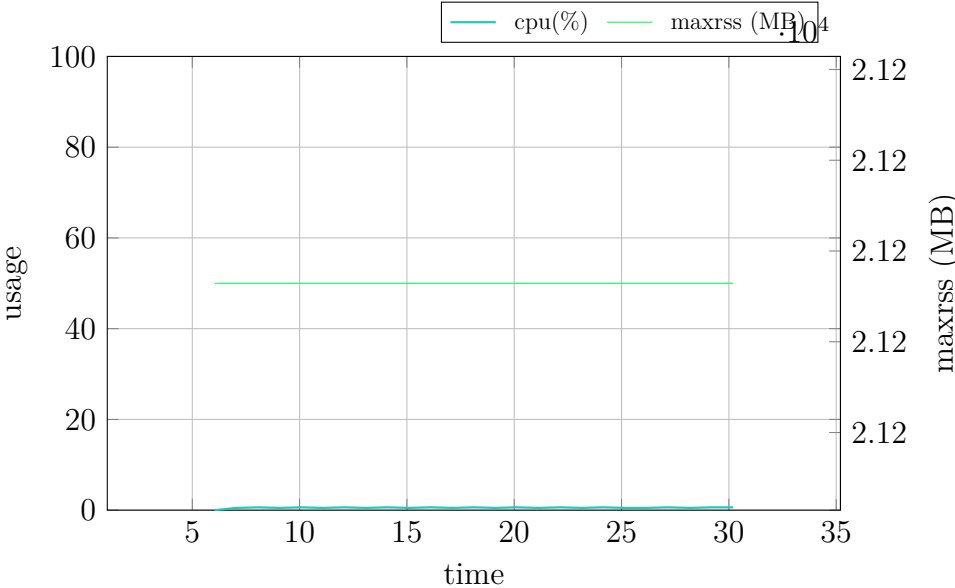# Performance fastrtps

Logfile name	5d342f18-e218-4522-a7ce-c6c7963bad83.csv
Experiment id	98ac0890-679f-48ee-aec6-c72d5f29c537
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR

Latencies

Resource usage (man getrusage)

test setup		average results		environment	
Performance Test Version	2fc8cc2-dirty	Experiment Status	success	Ignore seconds from beginning	5
Publishing rate	500	T_loop	1.0064	Memory check enabled	0
Topic name	Struct16	received	499.4	Msg name	Struct16
Number of publishers	0	sent	0.0	QOS Durability	VOLATILE
Number of subscribers	1	lost	0.0	QOS History depth	100
Maximum runtime (sec)	30	relative_loss	nan	QOS History kind	KEEP_LAST
DDS domain id	0	data_received	16000.76	QOS Reliability	RELIABLE
Single participant	-	latency_min (ms)	0.0758	QOS Sync. pub/sub	0
		latency_max (ms)	7.9085	RMW Implementation	rmw_fastrtps_cpp
		latency_mean (ms)	3.875	Roundtrip Mode	NONE
		latency_variance (ms)	0.0041	With security	0
		pub_loop_res_min (ms)	inf	Zero copy transfer	0
		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 (%)	0.5365		
		max_ram_usage (MB)	21151.74		