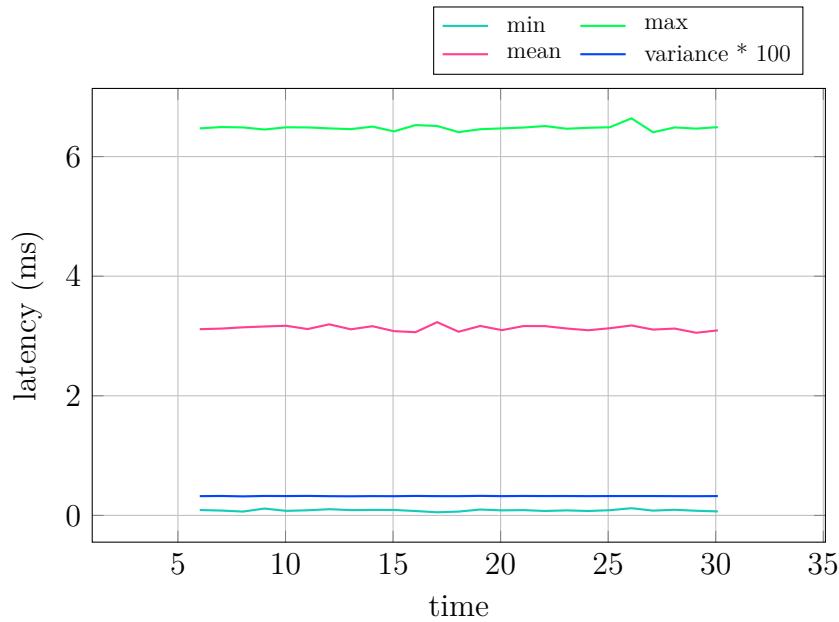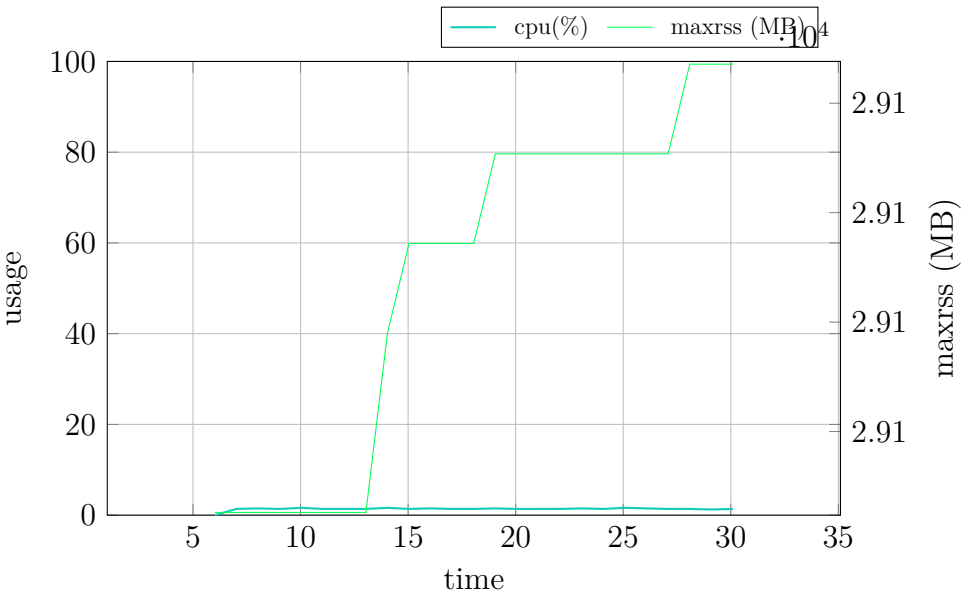# Performance fastrtps

Logfile name	5c4cf4d5-7750-4fc6-b8a9-5689ff8efc90.csv
Experiment id	9bf38e3e-3503-4d53-81ea-00578640fc0b
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	1.0031	Memory check enabled	0
Topic name	Array16k	received	1498.68	Msg name	Array16k
Number of publishers	0	sent	0.0	QOS Durability	VOLATILE
Number of subscribers	3	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	24600045.56	QOS Reliability	RELIABLE
Single participant	-	latency_min (ms)	0.0838	QOS Sync. pub/sub	0
		latency_max (ms)	6.482	RMW Implementation	rmw_fastrtps_cpp
		latency_mean (ms)	3.13	Roundtrip Mode	NONE
		latency_variance (ms)	0.0032	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 (%)	1.3653		
		max_ram_usage (MB)	29147.14		