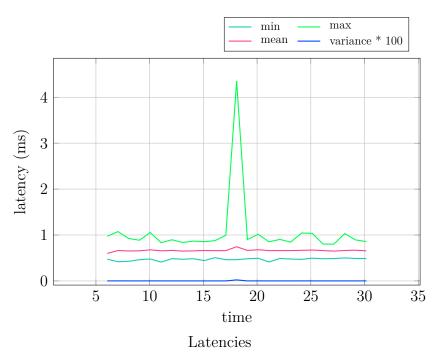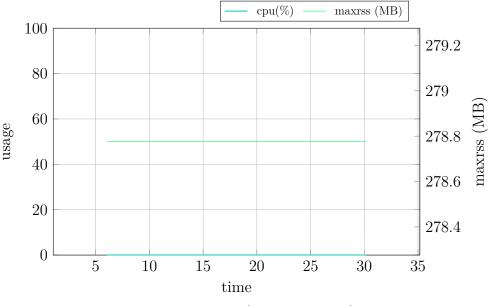# Performance cyclonedds

Logfile name	b17690f4-895c-4c01-bc31-ab1fa1e350bb.csv
Experiment id	a3143922-5df0-4b45-843b-ca36896efbb8
Communication mean	RCLCPP_SINGLE_THREADED_EXECUTOR

Latencies

Resource usage (man getrusage)

test setup			average results			environment	
Performance Test Version			Experiment Status	success		Ignore seconds from beginning	5
Publishing rate	20		T_loop	1.0049		Memory check enabled	0
Topic name	Struct32k		received	190.8		Msg name	Struct32k
Number of publishers	1		sent	19.12		QOS Durability	VOLATILE
Number of subscribers	10		lost	0.0		QOS History depth	100
Maximum runtime (sec)	30		relative_loss	0.0		QOS History kind	KEEP_LAST
DDS domain id	0		data_received	13532370.48		QOS Reliability	RELIABLE
Single participant	-		latency_min (ms)	0.47		QOS Sync. pub/sub	0
			latency_max (ms)	1.0561		RMW Implementation	rmw_cyclonedds_cpp
			latency_mean (ms)	0.6623		Roundtrip Mode	NONE
			latency_variance (ms)	0.0		With security	0
			pub_loop_res_min (ms)	34.3816		Zero copy transfer	0
			pub_loop_res_max (ms)	48.3448			
			pub_loop_res_mean (ms)	41.2964			
			pub_loop_res_variance (ms)	0.0202			
			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 (%)	0.0			
			max_ram_usage (MB)	278.78			