

PM-Mapper performance baseline results

750 PM measurement files, 1.3MB each (1st run)					
Hardware	Test Case	Dublin version: 1.0.1			
		Average Execution time	Average Files per second	Average CPU Usage	Average Memory Usage
Linux Mint 19.1, 12 logical CPUs, 32 GB RAM	without_filtering	56 seconds	13.4 files/sec	5.6 cores, 46.6%	3.17 GB
	with_min_filtering (5 counters selected)	39 seconds	19.2 files/sec	5.15 cores, 42.9%	3.38 GB

750 PM measurement files, 1.3MB each (10 consecutive runs)					
Hardware	Test Case	Dublin version: 1.0.1			
		Average Execution time	Average Files per second	Average CPU Usage	Average Memory Usage
Linux Mint 19.1, 12 logical CPUs, 32 GB RAM	without_filtering	1 minute 6 seconds	11.36 files/sec	7.9 cores, 65.8%	4.73 GB
	with_min_filtering (5 counters selected)	39 seconds	19.2 files/sec	7.5 cores, 62.5%	3.32 GB

Grafana Dashboard:



> 2 days run (50 hrs), constant processing of 1.3Mb files					
Hardware	Test Case	Dublin version: 1.0.1			
		Total number of processed files(1.3 Mb each)	Average Files per second	Average CPU Usage	Average Memory Usage
Linux Mint 19.1, 12 logical CPUs, 32 GB RAM	without_filtering	1,197,000	6.65 files/sec	5.66 cores, 47%	8.2 GB