

Metrics Usage Analyzer

Analyze and shape your observability data based on need, context, and utility to reduce data volumes by 60% on average, and cut time spent troubleshooting in half.

The Problem:

Most monitoring and observability solutions don't make it easy for Central Observability Teams (COT) to understand how or if metrics are used or what value they deliver. As observability data volume growth accelerates with the adoption of cloud native architectures, managing that growth is critical to controlling costs and ensuring the observability system is performant.

The Solution:

The Metrics Usage Analyzer, part of the Chronosphere Control Plane, allows you to understand the value each metric delivers by providing a view of all of your metrics ranked from least used to most used, alongside information about each metric's volume (as measured in data points per second) and metric cardinality.

It provides full insight into the usage of the data in Chronosphere whether by dashboard, monitor, shaping rule, or query execution so that you can more confidently identify never-used data, make decisions about the shape of that data, and understand the impact of a proposed shaping rule to users of that data.

Key Benefits

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Understand the value of each metric

- View metric cost and usage information side-by-side
- Know if a metric is being used, where, and by whom



Make confident shaping decisions

• Know what to keep, and what can be rolled away, dropped, or ignored



Identify opportunities to boost signal

• Find underutilized or requested metrics that can be added to improve usefulness

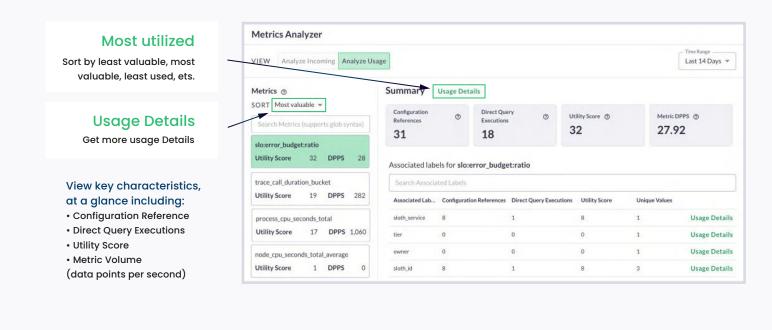
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Search Metrics (supports glob syntax)	Configuration References 31	٢	Direct Que Executions	^{ry} 0	Utility Score ③ 32	Metric 27.	• DPPS ⊚ 92		
slo:error_budget:ratio Utility Score 32 DPPS 28	Associated labe	els for slo: 6		t:ratio					
race_call_duration_bucket	Search Associated Labels								
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Utility Score 19 DPPS 282					8	1	Usage Details		
	sloth_service	8		1	5				
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Metrics Usage Analyzer Key Capabilities

Make smarter shaping decisions to control costs and improve performance using data-driven insights into your metric observability data.



Configuration References	Usage Details Metric: trace_call_duration_c	. Time Range Last 30 Days ▼	×				
Where is this metric being used?	Configuration References ®						
Direct Query Executions	Dashboards 41 Monitors 7	Reference Count ③	Added	Dashboard	1-14 of 14	3	
	Recording Rules O	~ 4	22 Mar 2022 10:19:41 AM	Demo Service - Team-D			
	Drop Rules 0	^ б	16 Mar 2023 11:28:12 AM	Trace - Overview			
	Appregator Rules 0	↑ 2	27 Jan 2023 3:26:16 PM	Query Accelerator			
		A 7	02 Feb 2022 9:07:21 AM	Trace-Looking Dowestream Will: Aggregation			
Dive deeper into the Usage Details to see more about a metric and its associated labels: • Where its being used, including which dashboards, monitors, alerts, etc.	Direct Query Executions ®	^ 2	07 Oct 2022 5:33:17 PM	WIP - Scenario 1 Tracing Dashboard			
	Metrics Explorer 393	^ 3	30 Sep 2022 9:50-11 AM	Demo Portal - Services Overview			
	Dashboards 2945	^ 2	15 Mar 2023 3:18:54 PM	Services Overview			
	Unique Users 15	~ 1	21 Jul 2022 9:37:33 AM	Detailed Sloth SLOs			
		n 2	15 Mar 2023 3:18:34 PM	List Onler Service Overview			
		^ 2	26 Mar 2023 7:01:22 PM	AWS Services Overview			
How often it is queried and		^ 4	18 May 2022 7:58:52 PM	Business Insights Dashboard			
y whom		^ 3	27 Mar 2023 6:21:21 PM	Business Insights Dashboard by Customer			

Learn more and request a demo at chronosphere.io