

External Labels

Send Coralogix your metrics using **external labels**, maximizing query performance and adding an extra layer of granularity in your data indexing.

Feature

When you send us your data using [Prometheus](#) or another agent, you now have the option of using **external labels** with your metrics.

External labels mark label names that already exist in your data as a partition key. Using these labels, they differentiate metrics from different environments, allowing the creation of a **separate index for each data source producing metrics**. When you query your data from a particular environment, our system will only load the index associated with that environment, **maximizing query performance**.

Example

If using, for instance, `external_labels=cluster`, Coralogix will extract the `cluster` label from your ingested metrics and then put all metrics with a particular timeseries value `cluster=cluster_eu` in one index group and another timeseries value `cluster=cluster_us` in another index group.

Configuration

The following is an example configuration for one **external label** using the [Prometheus remote_write URL](#).

```
remote_write:
- url:<https://ingress.eu2.coralogix.com/prometheus/v1?
external_labels=cluster>
  name: '<customer_name>'
  remote_timeout: 120s
  bearer_token: '<Send_Your_Data_private_key>'
```

The following is an example configuration for two external labels using the [Prometheus remote_write URL](#).

```
remote_write:
- url:<https://ingress.eu2.coralogix.com/prometheus/v1?
external_labels=region&external_labels=cluster>
  name: '<customer_name>'
```

```
remote_timeout: 120s
bearer_token: '<Send_Your_Data_private_key>'
```

Notes:

- **External labels** are attached to the URL.
- The configuration requires that you input your Coralogix [Send-Your-Data API key](#).

Best Practices

Follow these guidelines as best practices for using **external labels**:

- **Use external labels to refer to the name of a data source, rather than a particular value.**

For example, if `external_labels=cluster`, label values found in the timeseries may be `{cluster: prod}` and `{cluster: dev}`. The Coralogix pipeline will partition data by the `cluster` value.

- **Refrain from using external labels with many values.**

For every value of your **external label**, a new index is created. We suggest using a **maximum of 20 values per label** to ensure optimal query performance.

Docs

[Prometheus](#)

Support

Need help?

Our world-class customer success team is available 24/7 to walk you through your setup and answer any questions that may come up.

Feel free to reach out to us **via our in-app chat** or by sending us an email at support@coralogix.com.

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