

IceMX-MetricsAdmin

IceMX::MetricsAdmin

Overview

["format:sliced"] interface MetricsAdmin

The metrics administrative facet interface. This interface allows remote administrative clients to access metrics of an application that enabled the Ice administrative facility and configured some metrics views.

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Operations

Ice::StringSeq getMetricsViewNames(out **Ice::StringSeq** disabledViews)

Get the names of enabled and disabled metrics.

Parameters

disabledViews — The names of the disabled views.

Return Value

The name of the enabled views.

void enableMetricsView(string name) throws **IceMX::UnknownMetricsView**

Enables a metrics view.

Parameters

name — The metrics view name.

Exceptions

IceMX::UnknownMetricsView — Raised if the metrics view cannot be found.

void disableMetricsView(string name) throws **IceMX::UnknownMetricsView**

Disable a metrics view.

Parameters

name — The metrics view name.

Exceptions

IceMX::UnknownMetricsView — Raised if the metrics view cannot be found.

IceMX::MetricsView getMetricsView(string view, out long timestamp) throws **IceMX::UnknownMetricsView**

Get the metrics objects for the given metrics view. This returns a dictionary of metric maps for each metrics class configured with the view. The timestamp allows the client to compute averages which are not dependent of the invocation latency for this operation.

Parameters

`view` — The name of the metrics view.
`timestamp` — The local time of the process when the metrics object were retrieved.

Return Value

The metrics view data.

Exceptions

[`IceMX::UnknownMetricsView`](#) — Raised if the metrics view cannot be found.

`IceMX::MetricsFailuresSeq` `getMapMetricsFailures(string view, string map)` throws `IceMX::UnknownMetricsView`

Get the metrics failures associated with the given view and map.

Parameters

`view` — The name of the metrics view.
`map` — The name of the metrics map.

Return Value

The metrics failures associated with the map.

Exceptions

[`IceMX::UnknownMetricsView`](#) — Raised if the metrics view cannot be found.

`IceMX::MetricsFailures` `getMetricsFailures(string view, string map, string id)` throws `IceMX::UnknownMetricsView`

Get the metrics failure associated for the given metrics.

Parameters

`view` — The name of the metrics view.
`map` — The name of the metrics map.
`id` — The ID of the metrics.

Return Value

The metrics failures associated with the metrics.

Exceptions

[`IceMX::UnknownMetricsView`](#) — Raised if the metrics view cannot be found.