

IceStorm-TopicManager

IceStorm::TopicManager

Overview

interface TopicManager

A topic manager manages topics, and subscribers to topics.

See Also

- [IceStorm::Topic](#)

Operation Index

[create](#) — Create a new topic.

[retrieve](#) — Retrieve a topic by name.

[retrieveAll](#) — Retrieve all topics managed by this topic manager.

[getSliceChecksums](#) — Returns the checksums for the IceStorm Slice definitions.

Operations

IceStorm::Topic* [create](#)(string name) throws **IceStorm::TopicExists**

Create a new topic. The topic name must be unique, otherwise [IceStorm::TopicExists](#) is raised.

Parameters

name — The name of the topic.

Return Value

A proxy to the topic instance.

Exceptions

[IceStorm::TopicExists](#) — Raised if a topic with the same name already exists.

["nonmutating"] IceStorm::Topic* [retrieve](#)(string name) throws **IceStorm::NoSuchTopic**

Retrieve a topic by name.

Parameters

name — The name of the topic.

Return Value

A proxy to the topic instance.

Exceptions

[IceStorm::NoSuchTopic](#) — Raised if the topic does not exist.

["nonmutating"] IceStorm::TopicDict [retrieveAll](#)()

Retrieve all topics managed by this topic manager.

Return Value

A dictionary of string, topic proxy pairs.

["nonmutating"] [Ice::SliceChecksumDict](#) getSliceChecksums()

Returns the checksums for the IceStorm Slice definitions.

Return Value

A dictionary mapping Slice type ids to their checksums.
