

IceStorm Slice API

IceStorm

Overview

module IceStorm

A messaging service with support for federation. In contrast to most other messaging or event services, IceStorm supports typed events, meaning that broadcasting a message over a federation is as easy as invoking a method on an interface.

Interface Index

[Topic](#) — Publishers publish information on a particular topic.

[TopicManager](#) — A topic manager manages topics, and subscribers to topics.

Exception Index

[AlreadySubscribed](#) — This exception indicates that an attempt was made to subscribe a proxy for which a subscription already exists.

[BadQoS](#) — This exception indicates that a subscription failed due to an invalid QoS.

[LinkExists](#) — This exception indicates that an attempt was made to create a link that already exists.

[NoSuchLink](#) — This exception indicates that an attempt was made to remove a link that does not exist.

[NoSuchTopic](#) — This exception indicates that an attempt was made to retrieve a topic that does not exist.

[TopicExists](#) — This exception indicates that an attempt was made to create a topic that already exists.

Structure Index

[LinkInfo](#) — Information on the topic links.

Sequence Index

[LinkInfoSeq](#) — A sequence of [LinkInfo](#) objects.

Dictionary Index

[QoS](#) — This dictionary represents quality of service parameters.

[TopicDict](#) — Mapping of topic name to topic proxy.

Sequences

sequence<[LinkInfo](#)> LinkInfoSeq

A sequence of [LinkInfo](#) objects.

Used By

- [IceStorm::Topic::getLinkInfoSeq](#)

Dictionaries

dictionary<string, string> QoS

This dictionary represents quality of service parameters.

Used By

- [IceStorm::Topic::subscribeAndGetPublisher](#)
- [IceStorm::Topic::subscribe](#)

See Also

- [IceStorm::Topic::subscribe](#)

dictionary<string, [Topic*](#)> TopicDict

Mapping of topic name to topic proxy.

Used By

- [IceStorm::TopicManager::retrieveAll](#)
-