GT4 WS Java Core Design

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Table of Contents

1

5.1.2 Destruction (Removal)

6.1.2 ResourcePropertySet

The *ResourcePropertySet* is the representation of the resource property document

7 NOTIFICATIONS

situation may be sent either:

1. implicitly by automatically invoking the `notify()` method from within the method that caused the situation.

   We leave it up to the implementer of the method that causes a situation to support for the implicit `notify()`call.

2. explicitly by invoking the `notify()` method after the situation occurred.

   The explicit mechanism will always be provided as part of the *Topic* interface. Also, an explicit `notify()` can be used to send a notification even if the state has not changed.

The `notify()` call itself is responsible for:

1. Traversing the list of *TopicListeners* associated with a *Topic* interface.

2. Calling the `topicChanged()` method on each listener.

3.

b.

7.4.6 Topics and TopicListeners

Topics as well as the *TopicList* allow for a list of *TopicListeners*

9 THE CONTAINER REGISTRY

Parts of the Core design rely heavily on the concept of a container registry for discovering preconfigured resources, such as *ResourceHome* instances, the default *WorkManager*, *QueryEngine*, etc. implementations. The registry must accessible through JNDI APIs.

JNDI provides the service developer and administrator with a convenient way of configuring both simple resources (e.g. configuration information) as well as complex resources (e.g. a database connection cache).