04-02-2014

Notifications to be added

1. New Version added

2. Tests failed/Passed

3. Service Published to the store

4. Tags

5. Bug Report/Bug fix

All ready in G-Reg

1. LC state changes

2. Delete/Create LC

3. LC Approval needed/ Withdrawn

4. LC Approved

5. Check/Uncheck LC item

6. Delete / Update Resource

7. Comments/Ratings

Check

org.wso2.carbon.registry.eventing

Registry eventing handler

subscription manager handler

how tags and comments get notified?

carbon-kernal ---- > registry-core

debug embedded registry and handler lifecycle manager

-->/home/heshani/GREG/G-Reg\_Repo/carbon4-kernel/core/org.wso2.carbon.registry.core/src/main/java/org/wso2/carbon/registry/core/jdbc/EmbeddedRegistry.java

--->/home/heshani/GREG/G-Reg\_Repo/carbon4-kernel/core/org.wso2.carbon.registry.core/src/main/java/org/wso2/carbon/registry/core/jdbc/handlers/HandlerLifecycleManager.java

EmbeddedRgistry -->applytag

registryContext.getHandlerManager().applyTag(context);

handlerLCManager --->applytag

where does put deviates for check/uncheck lc item

and lc state change

check LC item

----put

--->

HandlerLCmanager --->invokeaspect

HandlerManager -->invokeaspect

HLCMan -->put

HM -->invoke aspect

1. New Version Added

Do this is registry API level

Where can we identify a new version is added

(what is meant by adding a new version)

what about directly adding foo-2.0.0 as a new resource

10/09/2014

New class for all event types

----test this using registereventinghandler -->notify()

2.Service Published to the store

this is same as lifecycle state change

so we can use that to send notification

10/09/2014 meeting \_check notes

todo

debug event-core to find how to subscribe based on asset type

Things to consider

1. When Subscribing to an asset type we have to subscribe for a mediatype

Subscriptions :

1.based on resource path

2.based on media type

So in the topic name there should be another string : Mediatype

2. When publishing have to consider the subscriptions to this media type and Resource path.

This should be checked in the time of subscription is made

Where is subscribe(path)

invoking

/home/heshani/GREG/G-Reg\_Repo/carbon-registry/components/registry/org.wso2.carbon.registry.info.ui/src/main/resources/web/info/subscription-ajaxprocessor.jsp

method

/home/heshani/GREG/G-Reg\_Repo/carbon-registry/components/registry/org.wso2.carbon.registry.info.ui/src/main/resources/web/info/js/info.js

subscription object

org.wso2.carbon.registry.info.services;

package org.wso2.carbon.registry.info.services.utils --->SubscriptionBeanPopulator()

1. For ES guys

When subscribing for a service, you have to give the mediatype instead of path as the path name.

If we wish to send it in the proper way

ES ppl makes the subscription object subscription

They make the subscription in the ES side

using a similar method as /carbon-registry/components/registry/org.wso2.carbon.registry.info/src/main/java/org/wso2/carbon/registry/info/services/utils/SubscriptionBeanPopulator.java

ES

When subscribing, subscribe to the media\_type

then in the subscription--->topic name = event+media\_type

how to sent the notification to the users when a new asset is added to the subscribed asset type

how to check permission whether the user is permitted to get notifications

1. Subscription Manager : Asset type level

we can subscribe to /\*/\* / asset type

then we can check whether it is not a collection by isnotcollection

as same as children,grandchildren update in registry

Events

New Asset Added

Asset deleted

Update

LC state change

Add Subscription

subscribe()

Retrival

2. Subscription Manager : Asset instance

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to do

for asset type subscription

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how to check permissions to a assets under different users of a same asset type

current subscription

return proxy.subscribe(path, endpoint, eventName, sessionId);

path : /\_system/governance/ebooks/\*

endpoint: work://admin

eventName : CheckListItemChecked

sessionId

subscribeAndPopulate(userRegistry, path, endpoint, eventName, false);

subscriptionBean.setLoggedIn(!RegistryConstants.ANONYMOUS\_USER.equals(userRegistry.getUserName()));

Authorization check

isAuthorized(UserRegistry userRegistry, String path, String action)

authority to subscribe for the event

here we check whethter user have

tocheck: how a notification is retrived

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event is happening in a path

so how to trigger the event’s when subscribe to a media type

event is created at registry eventing handler

topic is created from the relative\_path of the resource

public void setResourcePath(String resourcePath) {

this.resourcePath = resourcePath;

//setTopic(resourcePath + TOPIC\_SEPARATOR + EVENT\_NAME);

setTopic(TOPIC\_SEPARATOR + EVENT\_NAME + resourcePath);

setOperationDetails(resourcePath, EVENT\_NAME, RegistryEvent.ResourceType.COLLECTION);

}

At the time of retrival :

authorization for the path is checked for the current logged user

getsubscriptions()

Notification view

SubscriptionBeanPopulator()

Where to trigger in the ES

ES-

.product-es/modules/apps/publisher/controllers/test.jag

how to do it

check product-greg test cases