Oracle Enterprise Repository

ArtifactStore API

Overview

The ArtifactStore Subsystem provides a Web Services-based mechanism that can be used to query and create Oracle Enterprise Repository ArtifactStores.

Use Cases

Use Case: Query for ArtifactStore

Use Case: Create missing ArtifactStore

Sample Code is as follows:

```
package com.flashline.sample.artifactstoreapi;

import java.net.URL;
import java.rmi.RemoteException;

import javax.xml.rpc.ServiceException;

import com.flashline.registry.openapi.base.OpenAPIException;
import com.flashline.registry.openapi.entity.ArtifactStoreBean;
import com.flashline.registry.openapi.entity.AuthToken;
import com.flashline.registry.openapi.query.ArtifactStoreCriteria;
import com.flashline.registry.openapi.service.v300.FlashlineRegistry;
import com.flashline.registry.openapi.service.v300.FlashlineRegistryServiceLocator;

public class ArtifactStores {
  public static void main(String pArgs[]) throws OpenAPIException, RemoteException,
```

```java
 ServiceException {
  try {

    //////////////////////////////////////////////////////
    // Connect to Oracle Enterprise Repository
    //////////////////////////////////////////////////////
    URL lURL = null;
    lURL = new URL(pArgs[0]);
    FlashlineRegistry repository = new FlashlineRegistryServiceLocator().getFlashlineRegistry(lURL);

    // /////////////////////////////
    // Authenticate with OER
    // /////////////////////////////
    AuthToken authToken = repository.authTokenCreate(pArgs[1], pArgs[2]);

    // ----------------------------------------
    // query for an artifact store
    ArtifactStoreCriteria lArtifactStoreCriteria = null;
    ArtifactStoreBean[] lArtifactStoreBeans = null;
    ArtifactStoreBean lArtifactStoreBean = null;


    lArtifactStoreCriteria = new ArtifactStoreCriteria();
    lArtifactStoreCriteria.setHostCriteria("existing-artifact-store.com");
    lArtifactStoreCriteria.setBasepathCriteria("/");

    lArtifactStoreBeans = repository.artifactStoreQuery(authToken, lArtifactStoreCriteria, false);


    // create a missing artifact store if missing and based on the criteria

    lArtifactStoreCriteria = new ArtifactStoreCriteria();


    lArtifactStoreCriteria.setHostCriteria("missing-artifact-store.com");
    lArtifactStoreCriteria.setBasepathCriteria("/");


    // a new artifact store will be created
    lArtifactStoreBeans = repository.artifactStoreQuery(authToken, lArtifactStoreCriteria, true);

    lArtifactStoreBean = lArtifactStoreBeans[0];

  } catch(Exception e) {
    throw new RuntimeException(e.getMessage());
  }

 }
}
```