

## Oracle Enterprise Repository

# Custom Access Settings API

## Overview

The **Custom Access Settings** Subsystem is used to provide a Web Services-based mechanism to retrieve Oracle Enterprise Repository Custom Access Settings (CAS).

## Use Cases

### Use Case: Retrieve a List of Custom Access Setting Types

#### *Description*

This method is used to retrieve the list of Custom Access Settings Types as available in Oracle Enterprise Repository.

#### *Code*

1. `String[] IRoleContextTypes = null;`
2. `IRoleContextTypes = mFlashlineRegistry.customAccessSettingTypesGet(mAuthToken);`

#### *Annotations*

- Line 2 - Retrieve an array of Custom Access Setting Types. (currently "all", "asset", and "file")

### Use Case: Get Custom Access Setting Names

## *Description*

This method is used to retrieve a list of Custom Access Settings of a particular type.

## *Code*

1. `String[] ICustomAccessSettingNames = null;`
2. `ICustomAccessSettingNames = mFlashlineRegistry.customAccessSettingNamesGet(mAuthToken, "asset");`

## *Annotations*

- Line 2 - Retrieve an array of Custom Access Setting Names of type "asset".

## **Use Case: Get Default Custom Access Setting Names**

## *Description*

This method is used to retrieve the list of Default Custom Access Settings of a particular type. An asset default Custom Access Setting will be applied to all new assets, just as a file default Custom Access setting will be applied to all new files, and so on.

## *Code*

1. `String[] ICustomAccessSettingNames = null;`
2. `ICustomAccessSettingNames = mFlashlineRegistry.customAccessSettingDefaultNamesGet(mAuthToken, "asset");`

## *Comments*

- Line 2 - Retrieve an array of default Custom Access Setting Names of type "asset".

## **Example of Custom Access Settings Code**

Working code for Custom Access Settings Open API methods.

## Sample Code:

```
package com.flashline.sample.customaccesssettingsapi;

import java.net.MalformedURLException;
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.AuthToken;
import com.flashline.registry.openapi.service.v300.FlashlineRegistry;
import com.flashline.registry.openapi.service.v300.FlashlineRegistryServiceLocator;

public class CustomAccesssettings {
    public static void main(String pArgs[]) throws java.rmi.RemoteException,
        OpenAPIException {
        try {

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

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

            ////////////////////////////////////////////////////////////////////
            // Retrieve a List of Custom Access Setting Types
            ////////////////////////////////////////////////////////////////////
            String[] IRoleContextTypes = null;
            IRoleContextTypes = repository
                .customAccessSettingTypesGet(authToken);

            ////////////////////////////////////////////////////////////////////
            // Get Custom Access Setting Names
            ////////////////////////////////////////////////////////////////////
            String[] ICustomAccessSettingNames = null;
            ICustomAccessSettingNames = repository
                .customAccessSettingNamesGet(authToken, "asset");

            ////////////////////////////////////////////////////////////////////
            // Retrieve an array of Custom Access Setting Names of type "asset".
        }
    }
}
```

```

// //////////////////////////////////////
String[] rCustomAccessSettingNames = null;
rCustomAccessSettingNames = repository
    .customAccessSettingDefaultNamesGet(authToken, "asset");

} catch (OpenAPIException IEx) {
    System.out.println("ServerCode = " + IEx.getServerErrorCode());
    System.out.println("Message = " + IEx.getMessage());
    System.out.println("StackTrace:");
    IEx.printStackTrace();
} catch (RemoteException IEx) {
    IEx.printStackTrace();
} catch (ServiceException IEx) {
    IEx.printStackTrace();
} catch (MalformedURLException IEx) {
    IEx.printStackTrace();
}
}
}
}

```