

IBM Cúram Social Program Management
Version 6.0.5

Appeals Development Guide



Note

Before using this information and the product it supports, read the information in "Notices" on page 5

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This edition applies to IBM Cúram Social Program Management v6.0.5 and to all subsequent releases unless otherwise indicated in new editions.

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Developing Appeals

Use this information to extend Cúram appeals. The appeals component is configured by default for case types of product delivery, issue, and integrated case. Appeals can be extended to handle extra case types. Case objects can be configured to be appealed, rather than the parent case itself.

Introduction

Purpose

The Appeals component is configured OOTB to work only with Case Types of Product Delivery, Issue and Integrated Case. Is it possible to extend the Appeals component to handle additional case types. It also possible to appeal objects on a given case type instead of the case itself. This document provides details of the development work that is necessary to achieve this.

Target Audience

This guide is targeted at those developers intending to extend the Appeals component.

Prerequisites

The reader should be familiar with the following guides:

- Cúram Server Modeling Guide
- Cúram Webclient Reference Guide

Enabling Appeals of Case Objects

Overview

This chapter outlines the steps to allow objects on a case to be appealed, rather than the case itself. An example of an appealable object would be a Determination on a case. An appealable object can be anything on a given case type that has a unique identifier.

Implement Appealable Interface

The Appealable interface needs to be implemented. There are two methods to be implemented. The data supplied is used to populate the Description column on the "Items Under Appeal" page.

```
LocalisableString getAppealObjectDescription(APPEALOBJECTTYPEEntry objectType, long objectID)
```

This should return the localized description for the object.

```
String getHomePageURI(APPEALOBJECTTYPEEntry objectType, long objectID)
```

This should return the home page for the object. e.g. For a Determination on a case, one would link to the "Case Determination List" page setting the caseID parameter.

Create Codetable Entry

A new codetable entry must be added to the ct_AppealObjectType.ctx codetable. The java identifier for the entry must be set as it will be used in binding the java implementation.

```
<code
  default="false"
  java_identifier="DETERMINATION"
  status="ENABLED"
  value="AOT1001"
>
  <locale
    language="en"
    sort_order="0"
  >
    <description>Determination</description>
    <annotation/>
  </locale>
</code>
```

Bind Codetable To Implementation

The implementation of the AppealableObjectType interface must be bound to the AppealObjectType code in a Guice module, as follows:

```
final MapBinder<APPEALOBJECTTYPEEntry, Appealable> mapbinder = MapBinder
    .newMapBinder(binder(), APPEALOBJECTTYPEEntry.class, Appealable.class);

mapbinder.addBinding(APPEALOBJECTTYPEEntry.DETERMINATION).to(
    AppealableDeterminationImpl.class);
```

Implement Client Wizard

There is a wizard framework in place to handle creating an Appeal case with a list of Appealable Objects. Using this framework allows the developer to avoid any compile dependency on the Appeals component. To use this framework the following tasks need to be performed:

1. Implement the AppealableCaseType interface for the parent case type. e.g. For a Determination the parent case type would be Product Delivery.
2. Create the first wizard page which presents a list of objects on the case to be appealed (e.g. a list of active Determinations). This page needs to pass a delimited list of objects to the predefined second wizard screen (Appeal_createWizard). The format of the delimited list is:

ObjectID,ObjectTypeCode|

e.g: "1001,AOT1|2001,AOT2|2002,AOT2|" Usually a MULTISELECT list will be used on the client page, so a façade helper class will be required to convert from the multiselect to this delimited format. A façade method will be also be required to return the wizard properties file.

3. Create the wizard properties file, defining the following details

```
Number.Wizard.Pages=2
```

```
{FirstWizardPage}.Wizard.Item.Text= Select {ObjectType}  
{FirstWizardPage}.Wizard.Page.Title=Step 1:  
{FirstWizardPage}.Wizard.Page.Desc=Select {ObjectType}  
Wizard.PageID.1={FirstWizardPage}
```

```
Appeal_createWizard.Wizard.Item.Text=Record Appeal Details  
Appeal_createWizard.Wizard.Page.Title=Step 2:  
Appeal_createWizard.Wizard.Page.Desc=Record Appeal Details  
Wizard.PageID.2=Appeal_createWizard
```

Where {FirstWizardPage} is the name of a client page created in the previous step and {ObjectType} is the name of the object.

Appealing Case Type

Overview

The Appeals component is configured OOTB to work only with case types of Product Delivery, Issue and Integrated Case. The Appealable Case Type interface is provided to handle any other case types. This chapter outlines the steps to implement and use interface.

Implement AppealableCaseType Interface

There are four methods to be implemented on the AppealableCaseType interface. Two of the methods are used to defined business logic related to the Case Type:

```
boolean isContinueBenefitsEnabled(CaseID caseID);
```

This should return true if Continue Benefits functionality should be enabled for this instance of the Case Type.

```
AppealableCaseTypeDetailsList listAppealableCaseDetails();
```

This should list all of the case configurations for the abstract Case Type that can be configured for appeals.

The other two methods relate to the use of the wizard framework for appealing case objects:

```
String getCreateWizardProperties();
```

This should return the name of the wizard properties file.

```
ClientURI getCreateWizardURI(CaseID caseID);
```

This should return the initial screen in the wizard.

Bind Codetable To Implementation

The implementation of the AppealableCaseType interface needs to be bound to the Case Type code in a Guice module, as follows:

```

final MapBinder<CASETYPECODEEntry, AppealableCaseType> appealableCaseTypeBinder = MapBinder
    .newMapBinder(binder(), CASETYPECODEEntry.class,
        AppealableCaseType.class);

appealableCaseTypeBinder.addBinding(CASETYPECODEEntry.APPLICATION_CASE).to(
    ApplicationAppealableCaseType.class);

```

Client Navigation

The client configuration must be updated to show the appeals pages for the Case Type. The following changes need to be made:

1. Add the following entries to the Workspace Section File:

```

<sc:tab id="AppealHearing"/>
<sc:tab id="AppealHearingCaseHome"/>
<sc:tab id="AppealHearingCaseHomeIC"/>
<sc:tab id="AppealHearingIC"/>
<sc:tab id="AppealHearingReviewHearing"/>
<sc:tab id="AppealHearingReviewHearingIC"/>
<sc:tab id="AppealHearingReviewHome"/>
<sc:tab id="AppealHearingReviewHomeIC"/>
<sc:tab id="AppealJudicialReviewHome"/>
<sc:tab id="AppealJudicialReviewHomeIC"/>
<sc:tab id="LegalActionsForHearing"/>
<sc:tab id="LegalActionsForImmediateDetentionDecision"/>
<sc:tab id="LegalActionsForPetition"/>
<sc:tab id="AppealDeskHearing"/>
<sc:tab id="AppealDeskHearingIC"/>
<sc:tab id="LegalActionOrganizationHome"/>
<sc:tab id="AppealSearch"/>
<sc:tab id="AppealHearingIssue"/>

```

2. Add a link to create an Appeal case to the Case menu file:

```

<mc:menu-item dynamic="true"
    id="CaseAppeal"
    page-id="{pageID}"
    title="MenuItem.Title.CaseAppeal"
    tooltip="MenuItem.Tooltip.CaseAppeal"
    open-as="modal"
/>

```

Where {pageID} is Appeal_newCaseAppeal or else the name of the first wizard screen (if appealing objects).

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