Cúram 8.1.3

Getting Started Guide

Note

Before using this information and the product it supports, read the information in Notices on page 29

Edition

This edition applies to Cúram 8.1, 8.1.1, 8.1.2, and 8.1.3.

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Contents

1 Getting started

Get started with Cúram tasks and features. Review the high-level tasks, and follow the links that are provided for more detailed information.

2 Analysis, configuration, and customization

Cúram provides a commercial-off-the-shelf (COTS) application suite, together with extra solution and application modules for specific business functions. After you select the optimum COTS configuration, you must then analyze, configure, and customize the system for your exact implementation requirements.

The first stage is the business and technical analysis, where the delta between your business processes and the COTS offering is identified. Cúram distinguishes between configuration, which does not require coding, and customization, which does require coding. In many cases, you can configure the COTS modules to meet your requirements without requiring coding.

3 Getting started with business analysis

The primary goal of your business analysis is to define how Cúram must be configured or customized to meet your business requirements. Use these information sources to familiarize yourself with the existing Cúram features, and whether they must be changed or not to meet your specific business requirements.

Business analysis documentation

Cúram provides business documentation, which is written to provide an overview of the business processes supported by Cúram applications. You can use this information to understand the default features, and how they can be applied to your business processes.

Cúram Analysis Documentation

The Cúram Analysis Documentation supports you in exploring the metadata and business functions of a specific Cúram application and the interactions between them. A developer uses the Cúram Analysis Documentation Tooling (CADT) to generate the documentation from your specific built application codebase. The generator packages the documentation into the Cúram Analysis Documentation package, which is an archive file that can be distributed to business or technical analysts.

The generated documentation facilitates detailed business and technical analysis of Cúram artifacts. Because the information is extracted directly from a Cúram application, the content accurately reflects that application. Analysts can obtain information on the following Cúram artifacts:

- Application views and tabs
- Database tables
- Pages
- Domain definitions
- Code Tables
- Message Files
- Application properties
- Workflows
- Rule Sets
- Dynamic evidence
- IEG Scripts
- Datastore schemas
- Page Flows

> **Restriction:** All Cúram Analysis Documentation Tooling (CADT) materials must be used with consideration. Merative ™ accepts no liability for ensuring that these materials are suitable for your specific requirements. The Cúram Analysis Documentation Tooling (CADT) is provided as-is and as such, support services are not available. For example, Merative ™ does not provide formal fixes for these materials, nor do these materials account for changes in any base application releases.

Entity Relationship Diagrams

Entity Relationship Diagrams (ERDs) are provided in PDF format in the `\%CURAM_DIR%\Doc\Merative_SPM\erd` directory.

Where `%CURAM_DIR%` is the Cúram installation directory, which by default is `C:\Merative\Curam\Development`.

Related information

[Cúram Analysis Documentation Tooling](#)

4 Getting started with configuration

During implementation, you must configure the application options to meet your requirements. Use the configuration documentation to help you to understand the various configuration requirements and the options for configuring the system.

About this task

Cúram provides a role-based administration view, from which you can access configuration tasks relevant to your role.

In general, a system administrator can access configuration tasks that require technical knowledge, while a general administrator can access tasks that require user or business knowledge.

Related information

5 Getting started with development

Cúram development typically consists of a combination of configuration and customization tasks that modify the default applications for a specific implementation. Before you start development, install and familiarize yourself with the Development Environment and all of the available developer information resources. To be available for development, you must deploy the Cúram application to an application server.

About this task

The basic server and client application development tasks are covered in the Cúram documentation. Follow the getting started links to the appropriate documentation.

Related information

5.1 Getting started with the Cúram Development Environment

The Cúram Development Environment is required to customize Cúram applications. To start development, follow the instructions in the documentation to install the Cúram Development Environment.

Related information

5.2 Guidelines for compliant development

When you extend Cúram applications, you must follow basic compliancy guidelines to ensure that you protect your changes. Following the guidelines ensures that your changes are not overwritten by routine upgrades or fixes. Ensure that you read the compliancy documentation before you start development.

Related information

5.3 Getting started with developing server applications

Use this information to familiarize yourself with the basic tasks that are required to configure Cúram server applications and customize server source artifacts.

About this task
Use the server developer documentation to get started with the standard development processes.

Related information

5.4 Getting started with the Cúram Application Reference Model

Use this information to understand how to modify and extend the Cúram Application Reference Model.
Related information

5.5 Getting started with developing client applications

Client application development includes creating the user interface and customizing client source artifacts. Use this information to familiarize yourself with the basic tasks that are required to configure and customize Cúram client applications.

About this task
For client configuration, you can find information about the properties that can be set in client configuration files, such as `curam-config.xml`.
Related information

5.6 Information resources for development

The following information resources can help you with development tasks.

Information resources online

A summary of the online information resources that are relevant to development tasks.

Information resources in the Cúram Development Environment

The following information sources in the Cúram Development Environment can help you with development tasks.

API documentation
For each component, the available external interfaces are detailed in Javadoc format in a subfolder called `doc`.

Low-level developer documentation
Low-level developer documentation for the installed components is provided in HTML format in the `%CURAM_DIR%\Doc` folder where `%CURAM_DIR%` is the directory selected during installation.

`%CURAM_DIR%` is the Cúram installation directory, which by default is `C:\Merative\Curam\Development`.

Open a folder and click the `index.html` file to see the content.

The developer documentation provides access to the following items:

- **Data Dictionary**
  Describes the database tables, domain definitions, code tables, and message files that are used by the application.
- **Restricted Code Tables**
  Lists code tables that you must not customize.
- **Validation Messages**
  Lists validation and informational messages that are accessible from façade method calls.
- **Workflow Documentation**
  Provides information about workflows that are accessible from batch processes and façade method calls.

Bean doc

Bean doc is a generated HML file that contains all of the information that you need about available server-side classes and methods. You use the bean doc to see available server-side functions during client development.

Before you start client development, you can generate bean doc on the client with the **build** beandoc command.

Sample code

Some components provide sample code to help you with developing your custom code. To check for sample code, open the *%CURAM_DIR%\EJBServer\components* directory and look in the directory that is associated with a specific component.

%CURAM_DIR% is the Cúram installation directory, which by default is *C:\Merative\Curam \Development*.

For example, assuming a default installation, you can see the source code for the Evidence component in the following location:

```
C:\Merative\Curam\Development\EJBServer\components\Evidence\sample\source.zip
```

6 Getting started with security

Ensure that you are familiar with the steps that you must take to secure an Cúram implementation. Use the security documentation to understand the required security tasks. In addition to the general security advice in the security documentation, component-specific security information is provided where relevant in the solution and module documentation.

Related information

7 Getting started with deployment

To be available for development, you must deploy the Cúram application to an application server.

About this task
For information about deploying Cúram to a development or test environment, see the *Deploying* section.
Related information

8 Getting started with an upgrade

Use the Cúram Upgrade Pack and the UI Upgrade Helper tool to help you to upgrade your custom Cúram application.

- **Cúram Upgrade Pack**

  The Cúram Upgrade Pack contains tools and an upgrade guide, which describes the recommended process for upgrading Cúram applications and details any significant migrations that might require upgrade effort. The tools are available to assist with certain process steps. The Cúram Upgrade Pack is available as a download from Cúram Support. You must request access to download software.

- **UI Upgrade Helper**

  You can use the Cúram UI Upgrade Helper tool to help you to upgrade your Cúram User Interface (UI) from version 7 to version 8. For more information about the UI Upgrade Helper, see https://merative.github.io/spm-ui-upgrade-helper.

9 Getting started with administration

Before you go live, you must define and configure the initial administration setting for a production system. Later, you must manage dynamic system configuration tasks such as changes to users, or organization changes. You must also manage any ongoing system and application administration changes to the production system. Use the administration documentation to help you with these administration tasks.

Related information

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