Cúram 8.1.2

**Merative ™ Creating external applications
with the Cúram Web Design System**

Note

Before using this information and the product it supports, read the information in Notices on page 11

Edition

This edition applies to Cúram 8.1.2.

© Merative US L.P. 2024

Merative and the Merative Logo are trademarks of Merative US L.P. in the United States and other countries.

Contents

1 Creating external applications with the Cúram Web Design System

The Cúram Web Design System is a framework for building external web applications. The Cúram Web Design System helps you create responsive web applications that enable agencies to offer any web self-service solution to external users. The Design System framework uses modern technologies, such as React JavaScript. It includes a Design System tailor-made for providing an accessible user experience that works in browsers, desktop, tablet, and mobile devices.

The Cúram Web Design System supports the authentication of any external users, not just citizens. For example, an external user might be a child welfare-mandated reporter or an authorized representative from a community-based organization tasked with helping citizens apply for benefits.

The Cúram Web Design System comes with significant support for calling Cúram Web APIs allowing you to quickly build solutions that depend on data and business operations in the Cúram application. The Cúram Web Design System also supports the theming of web applications to match existing agency themes or to build web applications with distinct themes if required.

How to get started with the Web Design System

Choose a persona

Before you start, decide who you are building the web application for. The Cúram Web Design system can be used to:

- Create web applications for citizens to apply for and track benefits
- Create web applications for others such as authorized representatives, navigators, or assisters, to apply for benefits on behalf of their clients (citizens)
- Create a web application for any user that is not dependent on applying for or tracking benefits

Creating a web application for citizens

Cúram Citizen Engagement (CE) provides a citizen-facing responsive web application, a ready-to-deploy reference application. It is an example of a web application built using the Cúram Web Design System. It contains key business processes agencies can customize and extend to offer a web self-service solution to their citizens allowing them to apply for benefits and track & manage their interactions with the agency. See the *Cúram Universal Access Responsive Web Application Guide*.

Creating a web application for Authorised Representatives

Cúram Citizen Engagement (CE) also includes key business processes for Authorised Representatives. The REST APIs provided in the Universal Access application module for CE also support authorization beyond the citizen. All APIs for a citizen can also be used for an authorized representative-type user. The APIs needed to upload verification documents to support a benefit application is also provided.

A sample responsive web application for authorized representatives is included which presents some concepts for how this type of web application might look and how Curam Web APIs can be customized to grant authorization to the resources of other users. *Note - This is a sample only not a reference application, and while some screens are provided as part of the sample, the*

data presented is mocked, not retrieved by REST APIs. See the *Universal Access for Authorized Representatives* chapter in the *Cúram Universal Access Responsive Web Application* guide.

Creating a web application that does not depend on benefits-related workflows

For other users who are not citizens applying for benefits or authorized representatives acting on behalf of citizens, all you need is the Web Design System to build your web application from the ground up. Depending on the web application being built, REST APIs will have to be created, to populate information within the application. See the *Cúram Design System Guide*.

Dependencies

Support for citizen users and users who act on behalf of citizens applying for benefits, such as authorized representatives, depends on the **Cúram Platform**, the **Universal Access application module** for the configurable business processes, and the **Cúram Web Design System** for the UI. Support for other users not applying for benefits depends only on the **Cúram Platform** (Universal Access is not required) and the **Cúram Web Design System** for the UI.

Notices

Permissions for the use of these publications are granted subject to the following terms and conditions.

Applicability

These terms and conditions are in addition to any terms of use for the Merative website.

Personal use

You may reproduce these publications for your personal, noncommercial use provided that all proprietary notices are preserved. You may not distribute, display or make derivative work of these publications, or any portion thereof, without the express consent of Merative

Commercial use

You may reproduce, distribute and display these publications solely within your enterprise provided that all proprietary notices are preserved. You may not make derivative works of these publications, or reproduce, distribute or display these publications or any portion thereof outside your enterprise, without the express consent of Merative.

Rights

Except as expressly granted in this permission, no other permissions, licenses or rights are granted, either express or implied, to the publications or any information, data, software or other intellectual property contained therein.

Merative reserves the right to withdraw the permissions granted herein whenever, in its discretion, the use of the publications is detrimental to its interest or, as determined by Merative, the above instructions are not being properly followed.

You may not download, export or re-export this information except in full compliance with all applicable laws and regulations, including all United States export laws and regulations.

MERATIVE MAKES NO GUARANTEE ABOUT THE CONTENT OF THESE PUBLICATIONS. THE PUBLICATIONS ARE PROVIDED "AS-IS" AND WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY, NON-INFRINGEMENT, AND FITNESS FOR A PARTICULAR PURPOSE.

Merative or its licensors may have patents or pending patent applications covering subject matter described in this document. The furnishing of this documentation does not grant you any license to these patents.

Information concerning non-Merative products was obtained from the suppliers of those products, their published announcements or other publicly available sources. Merative has not tested those products and cannot confirm the accuracy of performance, compatibility or any other claims related to non-Merative products. Questions on the capabilities of non-Merative products should be addressed to the suppliers of those products.

Any references in this information to non-Merative websites are provided for convenience only and do not in any manner serve as an endorsement of those websites. The materials at those websites are not part of the materials for this Merative product and use of those websites is at your own risk.

This information contains examples of data and reports used in daily business operations. To illustrate them as completely as possible, the examples include the names of individuals, companies, brands, and products. All of these names are fictitious and any similarity to actual people or business enterprises is entirely coincidental.

The licensed program described in this document and all licensed material available for it are provided by Merative under terms of the Merative Client Agreement.

COPYRIGHT LICENSE:

This information contains sample application programs in source language, which illustrate programming techniques on various operating platforms. You may copy, modify, and distribute these sample programs in any form without payment to Merative, for the purposes of developing, using, marketing or distributing application programs conforming to the application programming interface for the operating platform for which the sample programs are written. These examples have not been thoroughly tested under all conditions. Merative, therefore, cannot guarantee or imply reliability, serviceability, or function of these programs. The sample programs are provided "AS IS", without warranty of any kind. Merative shall not be liable for any damages arising out of your use of the sample programs.

Privacy policy

The Merative privacy policy is available at https://www.merative.com/privacy.

Trademarks

Merative ™ and the Merative ™ logo are trademarks of Merative US L.P. in the United States and other countries.

IBM®, the IBM® logo, and ibm.com® are trademarks or registered trademarks of International Business Machines Corp., registered in many jurisdictions worldwide.

Adobe™, the Adobe™ logo, PostScript™, and the PostScript™ logo are either registered trademarks or trademarks of Adobe™ Systems Incorporated in the United States, and/or other countries.

Oracle and Java are registered trademarks of Oracle and/or its affiliates.

The registered trademark Linux® is used pursuant to a sublicense from the Linux Foundation, the exclusive licensee of Linus Torvalds, owner of the mark on a worldwide basis.

Microsoft™, Windows™, and the Windows™ logo are trademarks of Microsoft™ Corporation in the United States, other countries, or both.

UNIX™ is a registered trademark of The Open Group in the United States and other countries.

Other company, product, and service names may be trademarks or service marks of others.