

# Cúram 8.1.3

**Propagating Non Cúram Data For Cúram  
Express Rules Propagating Non Cúram  
Data For Cúram Express Rules Guide**



## Note

---

Before using this information and the product it supports, read the information in [Notices on page 13](#)



# Edition

---

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

© Merative US L.P. 2012, 2024

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



# Contents

---

<b>Note.....</b>	<b>iii</b>
<b>Edition.....</b>	<b>v</b>
<b>1 Propagating non Cúram Data for Cúram Express Rules.....</b>	<b>9</b>
1.1 Introduction.....	9
About This Guide.....	9
Audience.....	9
Related Reading.....	9
1.2 Process Overview.....	9
Introduction.....	9
Process Details.....	10
<b>Notices.....</b>	<b>13</b>
Privacy policy.....	14
Trademarks.....	14



# 1 Propagating non Cúram Data for Cúram Express Rules

---

Use this information to learn how to run the batch program to store initial CER rule objects for rate data that is loaded into the system outside of application APIs. When rate table data is published via the application APIs, the system creates, updates, or removes stored CER rule objects as appropriate. The exact data that is written is configured via the CER rule object propagators.

## 1.1 Introduction

---

### About This Guide

This guide outlines how to run the batch program included with the application to store initial CER Rule Objects for rate data loaded into the system outside of the application's APIs.

### Audience

This guide is intended for system administrators, in particular those involved with the deployment and data loading of a new system.

### Related Reading

There are several related documents, some of which provide helpful background information, others that provide more detailed information on topics covered in this guide. The following provides a brief description of the related reading materials available:

*Table 1: Description of Related Reading*

Document Name	Description
Cúram Express Rules Reference Manual	This provides full details of Cúram Express Rules and the Dependency Manager.
Inside Cúram Eligibility and Entitlement Using Cúram Express Rules	This provides full details of Rule Object Propagation, and how it works.

## 1.2 Process Overview

---

### Introduction

When rate table data is published via the application's APIs, the system creates, updates or removes stored CER Rule Objects as appropriate. The exact data written is configured via the

CER Rule Object Propagators. See "Understanding Rule Object Propagators and Converters" in the *Inside Cúram Eligibility and Entitlement Using Cúram Express Rules* guide for further details.

In contrast, there may be situations where the rate data on a production system is created, modified or removed outside of application's APIs, in particular, the initial bulk population of business data via the use of SQL scripts to insert large volumes of data. Under these circumstances, no CER Rule Objects will be stored and the system will not yet be in a usable state.

The application includes a batch program to create CER Rule Objects for rate data which was inserted into a system outside of the application's APIs. You must run this program so that any functionality that relies on CER use of this data will operate correctly.

If you choose to populate your production data in a series of migrations, then you must run the batch program each time you create new production data. The batch program will only take action for newly-populated data and will automatically ignore existing data which has been processed by a previous run of the batch program.

**Important:** As this process creates data essential to the correct operation of the system, it must be run before any other processing is done on the system (e.g. system startup)

## Process Details

The following provides full details of the steps that should be taken to ensure all rate data loaded has been fully propagated to CER Rule Objects.

The business processing included with the application only stores CER Rule Objects in one area, namely for rate tables. The processing detailed below caters only for the creation of initial CER Rule Objects for rate tables.

Therefore:

- if you have not bulk-populated rate table data, you do not need to follow these steps; and
- if you have custom processing which stores its own CER Rule Objects, you must also create your own custom processing to create those rule objects for any bulk-populated initial data.

### ***Initial Setup***

#### **The RuleObjectPropagatorControl Database Table**

This table contains a single row which indicates whether or not initial rule object propagation has been run, and is used by the system to decide whether or not to automatically attempt to create CER Rule Objects for initial data upon system startup.

The attribute *executed* on this row must be set to a value of *1* (or *true*) to prevent this automatic CER Rule Object creation from happening when the batch program is run.

### ***Running the Rate Table Rule Object Propagator Batch Program***

You can choose to either:

- run one instance of the batch program with no parameters, to process all rate tables in the system; or
- run a separate instance of the batch program for each specific rate table.

### **Name**

The batch process is named

`curam.core.sl.infrastructure.rate.intf .RateCreateInitialRuleObjects.propa`

### **Parameters**

The `RateCreateInitialRuleObjects` batch program takes the following parameter:

- *rateTableType* - The rate table to process (or blank to process all rate tables).



# 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.