

DataMart Release Notes 4.0.10



August 17, 2018



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Release Information

Release Version: 4.0.10

Date of Release (DataMart): August 17, 2018

Introduction

This document describes the features and functionality of the Lucernex DataMart 4.0.10 release. This release contains a setting to enable incremental updates for a mapping schedule, a new ability to run a Soft Brush, and a new ability to add scripts to generate custom tables in DataMart. DataMart now also supports foreign key constraints.

Need Help With Installing or Using DataMart?

For updated installation and usage procedures, please see the [DataMart Reference Guide](#).

Ideas for improving Lucernex

We invite you to submit enhancement requests on the [Lucernex Ideas Page](#), visible to both internal Accruent employees and Support Contacts for other Lucernex customers. You can now vote for or against these ideas, add or respond to comments, and view the status of all ideas.

This direct feedback allows Accruent to gain visibility into what is meaningful to customers. Product Management actively monitors the Ideas board, adds comments, and updates the status of ideas as needed.

Please contact Lucernex Support for any questions about Ideas.

Summary of Issues Fixed and Additional Enhancements


New DataMart Settings for Schema Changes

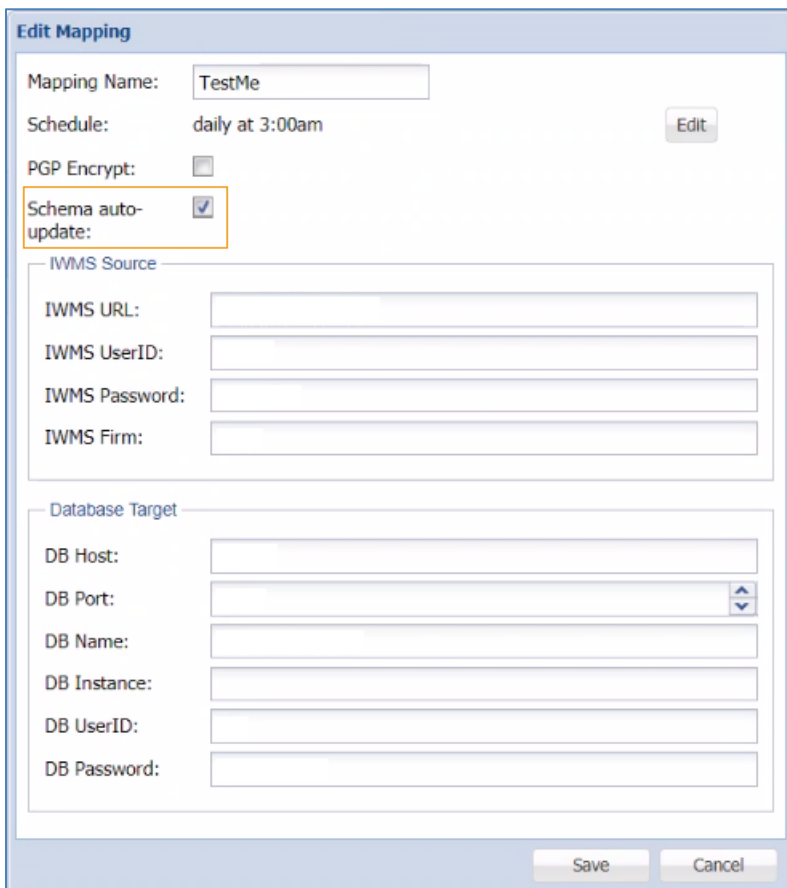
DataMart customers now have a setting that enables them to do incremental updates. These updates include schema changes so that their DataMart instance includes both user-defined fields and global fields without having to do a full-brush refresh.

Additionally, DataMart customers can now do a full update of their DataMart data without erasing their current data. This will allow DataMart customers to continue to make DataMart data available during a full update. This functionality is called a Soft Brush.

Enable Incremental Updates for a Mapping Schedule

To enable incremental updates for a mapping schedule, follow the steps below:

1. Open your DataMart Dashboard.
2. Click the **Edit mapping task schedule** button  in the **Actions** column of the appropriate mapping schedule.
The **Edit Mapping** modal window opens.
3. Select the **Schema auto-update** check box.



Edit Mapping

Mapping Name:

Schedule:

PGP Encrypt: ☐

Schema auto-update: ☒

IWMS Source

IWMS URL:

IWMS UserID:

IWMS Password:

IWMS Firm:

Database Target

DB Host:

DB Port:

DB Name:

DB Instance:

DB UserID:


DB Password:

Edit Mapping modal window.

4. Click the **Save** button.
Your changes are saved. DataMart will now run incremental updates.

Run a Soft Brush

To run a soft brush, follow the steps below:

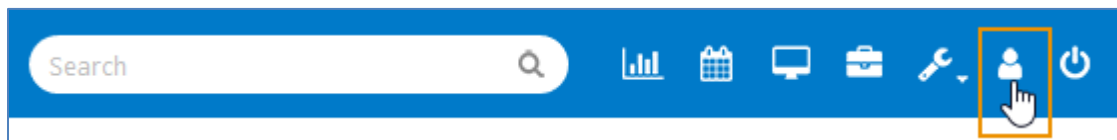
1. Open your DataMart Dashboard.
2. Click the **Database update with database schema update** button  in the **Actions** column of the appropriate mapping schedule.
A dialog box opens, with a message that reads: *You are about to do database update with database schema update. Are you sure you want to do this?*
3. Click the **Yes** button.
The dialog box closes. The database schema update runs in the background, and all records are reloaded.

Add Scripts to Generate Custom Tables in DataMart

We have also given users the ability to add scripts to generate custom tables in DataMart.

To add scripts to generate custom tables in DataMart, follow the steps below:

1. Log into Lucernex.
2. Click the **Admin** button in the toolbar in the upper-right corner of the window.
The **System Administrator Dashboard** page opens.



Admin button in toolbar.

3. Click the **Manage Firm Properties** link in the **Data / PS Tools** section of the page.
4. Select **DatamartScripts** from the drop-down menu above the **Key (LOGIN1, etc..)** column.
The **DatamartScripts** page opens.
5. Click the **Add** button in the bottom-right corner of the table.
A modal window opens.
6. Enter the script name in the **Key (LOGIN1, etc..)** field.

Important! DataMart will run scripts by alphabetical order of the **Key** name.

7. Enter the script in the **Value (HTML)** field.
8. Click the **Add** button.
The new script record appears in the **DatamartScripts** table.

DataMart Now Supports Foreign Key Constraints

DataMart now supports foreign key constraints, which are helpful in cross-table reporting. These foreign keys allow you to use data from your DataMart instance across multiple tables, giving you more flexibility in data analysis.

Foreign key constraints are now present in the DataMart data structure. Prior queries that did not require cross-table calls will continue to function as they did previously.

This feature must be enabled by a Lucernex Admin. If you would like to enable foreign key constraints in Lucernex, please contact Accruent Support at 1-877-345-3999. Once foreign key constraints have been enabled, you will need to run a full brush.

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