Mass Appraisal Batch Process

Marshal & Swift™ Copy to Year Batch Process

103-ma-bp-010

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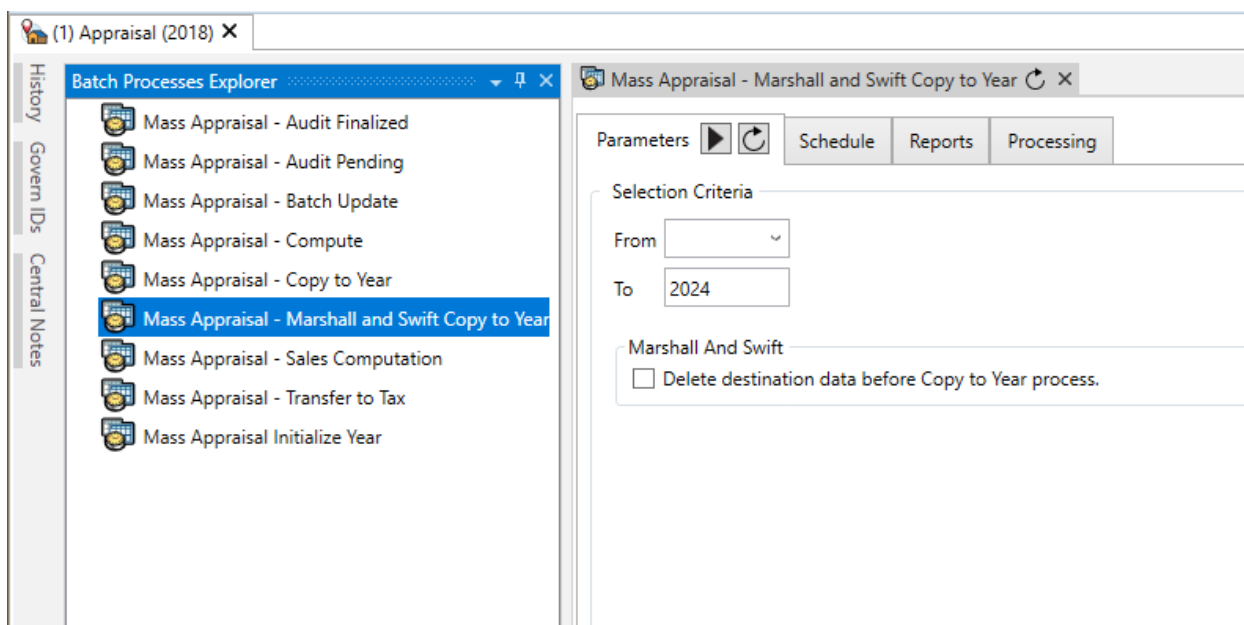
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Overview

Marshall & Swift™ offers appraisal guidelines for developing replacement costs, depreciated values, and insurable values of buildings and other improvements.

The Marshal & Swift Copy to Year batch process is the same as the Govern Copy to Year batch process that will copy the parameter tables from one year to another.

TECH NOTE: The parameter table for Marshall & Swift is called **msvpo.ValuationSettings**.

Govern users can run the Marshall & Swift *Copy to Year* batch process in to order to copy Mass Appraisal administrative parameter definitions, and appraisal tables from one year to any other year.

Configuration

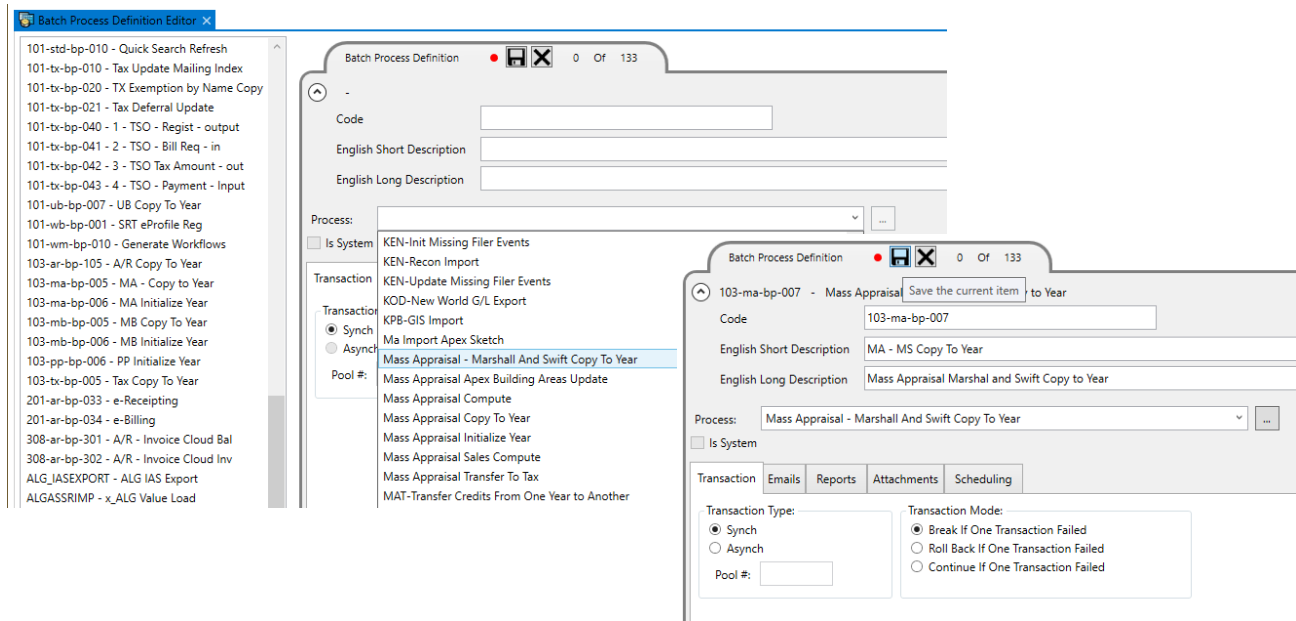### Configuring the Marshall & Swift Copy to Year Batch Process in GNA

The procedure of Configuring the Marshall and Swift Batch process is similar to other Govern standard batch processes. *Please refer to the Govern New Administration (GNA) 6.x User Guide for details.*

As is standard for all Batch Processes, you will need to create the *Mass Appraisal Marshal & Swift Batch Process* in the *Batch Process Definition Editor*. The Batch Process Definition Editor is used to define how batch processes appear and run in Govern.

To define the Batch Process…

1. From the GNA select *Editors (menu) >* **Batch Process Definition Editor**.
2. On the Batch Process Definition tab, click **Create a new item**.
3. On the new batch process definition form, enter the required parameters:

Parameter	Settings
Code	103-ma-bp-007
English Short Description	MA MS Copy To Year
English Long Description	Mass Appraisal Marshal and Swift Copy to Year
Process	Select **Mas Appraisal Marshal And Swift Copy to Year**
Is System	*De-select* this option

4. Under the *Transaction (tab)* > **Transaction Type** (group), select **Synch**.
5. In the Transaction Mode: (group), select **Break If One Transaction Failed**.
6. On the main tab click **Save the current item** to save the batch process.

Configuring the Batch Process Behavior

The *GNA Batch Process Definition Editor* is also used to configure the behavior of the batch process.

TECH NOTE: The *Copy to Year for Marshall & Swift Parameter Tables* is a System batch process. The Marshall & Swift parameter table (**msvpo.ValuationSettings**) is also included in the *Mass Appraisal Copy to Year* batch process.

To configure the batch process:

1. Launch **GNA**.
2. Select *Editors >* **Batch Process Definition Editor**.
3. Select *103-ma-bp-010 – Marshall & Swift Copy to Year*.
4. Select the *Transaction* tab.

NOTE: If you are using the System Copy to Year batch process, the **Transaction Type** and **Transaction Mode** cannot be modified.

The Transaction tab settings are as follows:

Transaction Type (group) parameters

- **Sync**: In synchronous batch processing, transactions are processed one after another in a sequence. If there are multiple steps in the process, one step is completed before the next begins.
- **Asynch**: Select *Asynch* for processes with multiple transactions. This is recommended as this spreads the load over multiple servers and makes for faster processing time.
- **Pool #**: For Asynchronous processes only, enter the maximum number of transactions to be handled by the client servers at any one time.

Transaction Mode (group) parameters

- **Break If One Transaction Failed**: The process terminates when a transaction fails.
- **Roll Back If One Transaction Failed**: the process terminates when a transaction fails and all the transactions that were completed are cancelled. Computations are returned to the starting point.
- **Continue If One Transaction Failed**: Continue to run the process even if a transaction fails.

NOTE: If you are creating one or more additional Copy to Year batch processes to run in Govern, these fields are enabled. However, because the batch process is designed to run in this Transaction Type and Mode, the settings are switched to **Synch** (Synchronous) mode and **Break If One Transaction Failed** when you run the process, regardless of the user input.

Regardless of whether you are running the System batch process or a user-defined process, you can add an e-mail and set up scheduling as for any other batch process. *Refer to the Govern Scheduler documentation for details.*

For details on configuring *Emails*, *Reports*, *Attachments*, and *Scheduling*, please refer to the *Govern New Administration (GNA)* user guide.
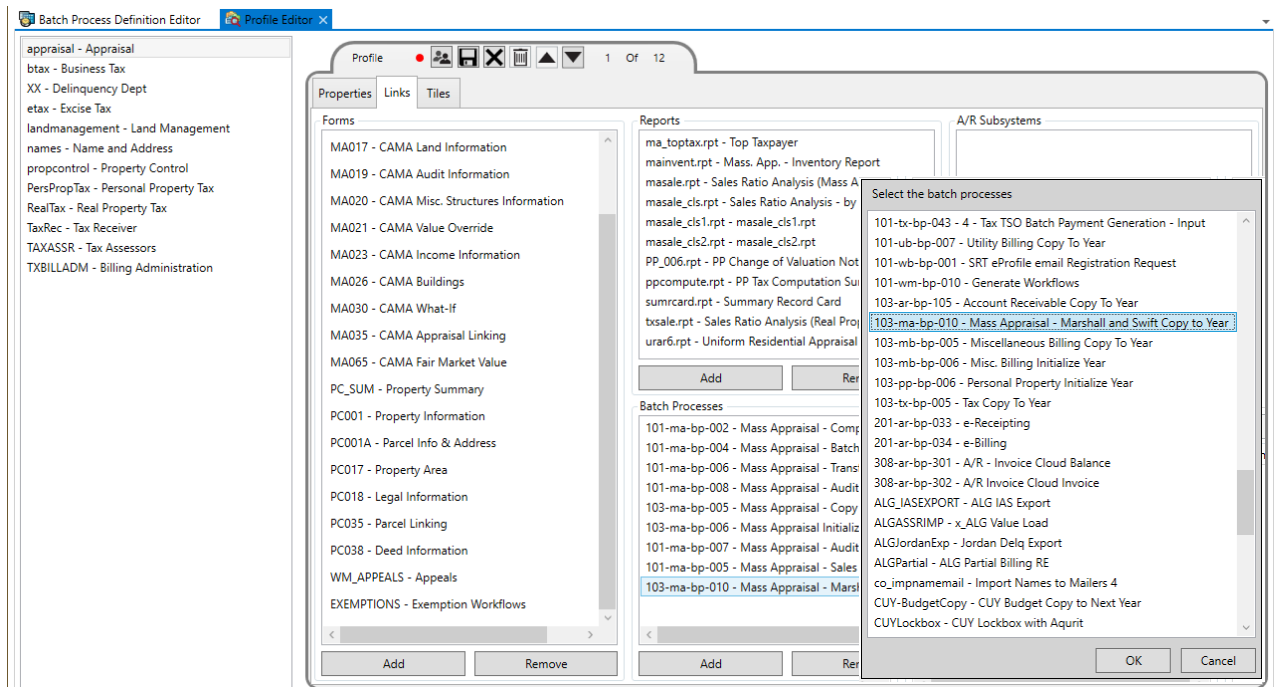
Once saved, the batch process will be available for use in Govern from the *Profile Editor*. *See below.*

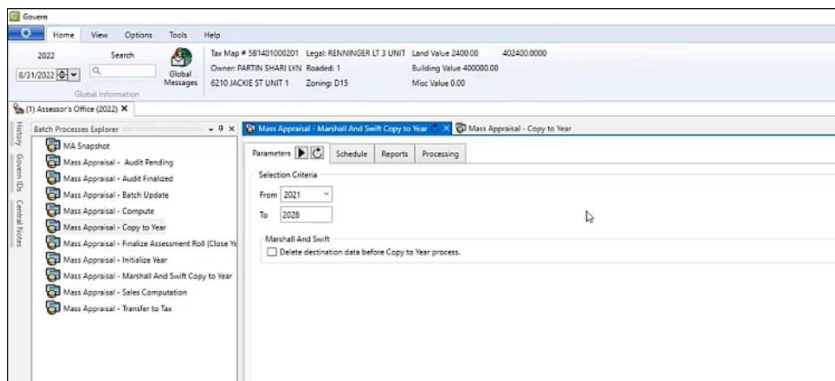## Configure the Batch Process for use in Govern

In order to access the batch process in Govern, you will need to add it to an existing profile through the *Govern New Administration* (**GNA**) *Profile Editor*.

On the Govern New Administration (GNA) ribbon...

1. Select *Editor (tab)* > **Profile Editor**.
2. Under the *Profile Editor (tab)* > **Links** (sub-tab).
3. In the *Profile Editor*, click to select the required profile on the left-hand pane.
4. On the right-hand side in the *Profile* form, click the **Links** sub-tab.
5. Locate the *Batch Process* group; click **Add**.
6. In the **Select the batch processes** form, click to select the **Marshall & Swift Copy to Year** batch process (**103-ma-bp-010**) from the list.
7. Click **OK** to add it to the list; the form will close.
8. Back in the Links tab, click **Save the current item** on the tab to save the changes to the profile.

After the above steps, the batch process will be available for selection from the profile in Govern.
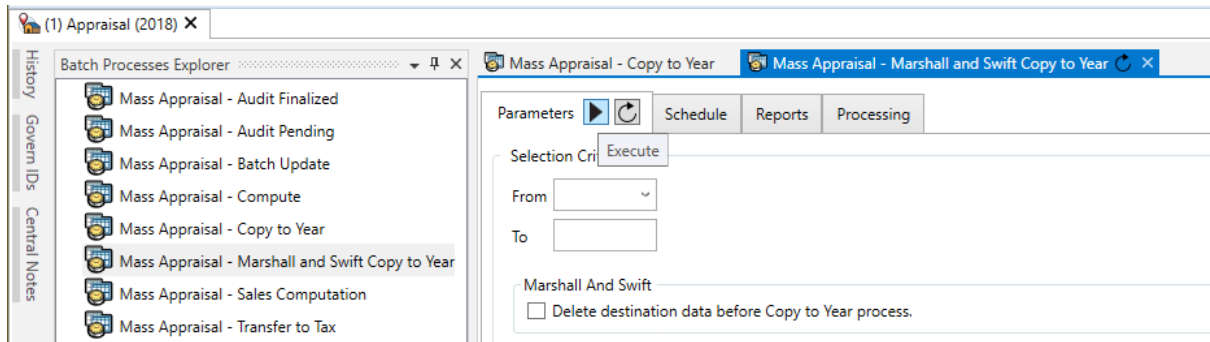

Running the Batch Process in Govern

To run the **Marshall & Swift System Copy to Year** batch process:

1. Launch GNA.

2. Select *Application Configurations (tab) > CAMA group > Mass Appraisal > **Copy to Year***.

3. Select the year in the **From** drop-down list, for which the tables, constants, queries and shared expressions that you want to copy exist.

NOTE: Only years data appear in the combo-box list.

4. Enter the year to which you want to copy the data in the **To** parameter.
5. Select the Delete destination data before the copy to overwrite the data that already exist in the destination year.

Otherwise, if you do not select this option and data already exist for the destination year, they are not overwritten.

6. Click **Execute** to run the batch process.

When running the batch process in Govern, you have the option to set up a schedule to run it on a regular basis or at a future time/date.

APPENDIX

Data Copied

During the batch process the following data are copied from the selected year to the destination year:

Mass Appraisal Tables

Lookup Groups

All tables with Lookup Group data including:

- MA_LOOKUP_GROUP
- MA_SHARED_LOOKUP_GROUP
- MA_SHARED_LOOKUP_GROUP_INDEX
- MA_SHARED_LOOKUP_GROUP_SET

MODIF_STAMP

- MA_MODIF_STAMP

MA Parameter Tables

- All tables beginning with MA_PARM

MA Tables

- All tables listed in MA_TABLES

These tables contain parameters and definitions the Mass Appraisal modules.

User Validation Tables

All User Validation Tables that are:

- Year based
- One of the following table types.
    - Regular
    - Mass Appraisal
    - Tax Billing

Queries, Constants, Shared Expressions

All Queries, Constants, and Shared Expressions that are year based.