

Recompute All Mass Appraisal Records

Overview

The **Recompute All MA Records** control can be added to any Mass Appraisal form, with the exception of CAMA Sales Information.

It is used for recomputing all the Mass Appraisal records for the current parcel. If this functionality is not applied, only the current record is updated when you click the **Save** button.

If the functionality is applied, then all the land, building, income, and MRA records for the current parcel are updated. For example, if you have a Land record open, and click **Recompute All Mass Appraisal**, all the land records associated with the property are recomputed. As well, all the building and income records associated with the property are recomputed.

The Recompute All Mass Appraisal records can be run automatically, when the user clicks **Save** or **Delete**, or manually, when the user clicks the **Recompute** button. In the latter case, as with all OpenForms action button, security can be applied.

An expression can be added to this functionality so that it is applied under a specific condition only.

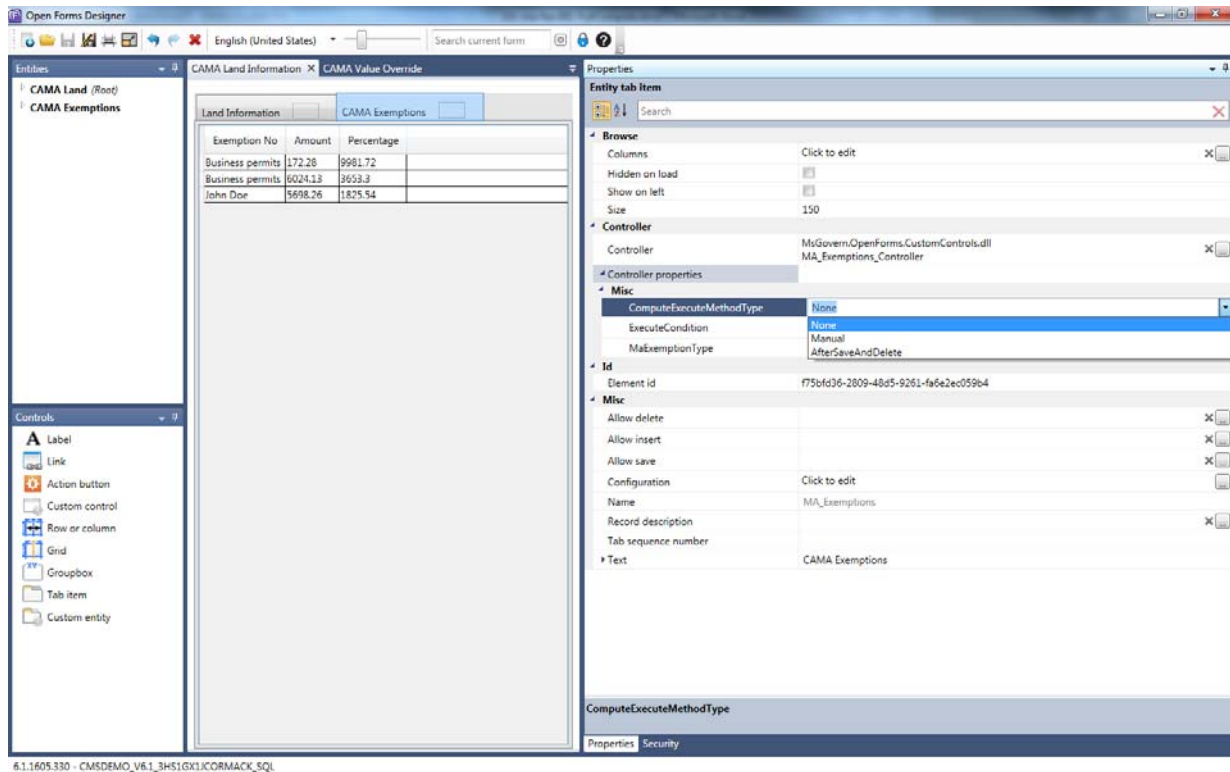
Configuring the Recompute All Mass Appraisal Records Functionality

Adding the Recompute All

To add the Recompute All Mass Appraisal functionality to a Mass Appraisal user form:

1. Launch the Govern OpenForms Designer (OFD).
2. Open the CAMA form.
3. Select the tab for the entity.

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The screenshot shows the 'Open Forms Designer' application. The 'Entities' pane on the left shows a tree structure with 'CAMA Land (Root)' and 'CAMA Exemptions'. The 'Controls' pane shows a list of controls including Label, Link, Action button, Custom control, Row or column, Grid, Groupbox, Tab item, and Custom entity. The central form preview shows a table with columns 'Exemption No', 'Amount', and 'Percentage'. The 'Properties' pane on the right shows the configuration for the 'Entity tab item'. The 'Controller' property is set to 'MSGovern.OpenForms.CustomControlls.dll MA_Exemptions_Controller'. The 'ComputeExecuteMethodType' property is set to 'None'. The 'ExecuteCondition' property is set to 'Manual'. The 'MaExemptionType' property is set to 'AfterSaveAndDelete'.

Exemption No	Amount	Percentage
Business permits	172.28	9981.72
Business permits	6024.13	3633.3
John Doe	5698.26	1825.54

4. Expand the Controller properties.

The name of the Controller varies with the form. In the preceding screen shot, the controller is associated with the MA Land Exemptions and is called:

MSGovern.OpenForms.CustomControlls.dll
MA_Exemptions_Controller

5. Select one of the following from the **ComputeExecuteMethodType** drop-down list.

- **None:** If you do not want to apply this functionality.
- **Manual:** To run the recompute when the user clicks the action button.
- **AfterSaveAndDelete:** To run the recompute when the user clicks the save or delete button for the current record.

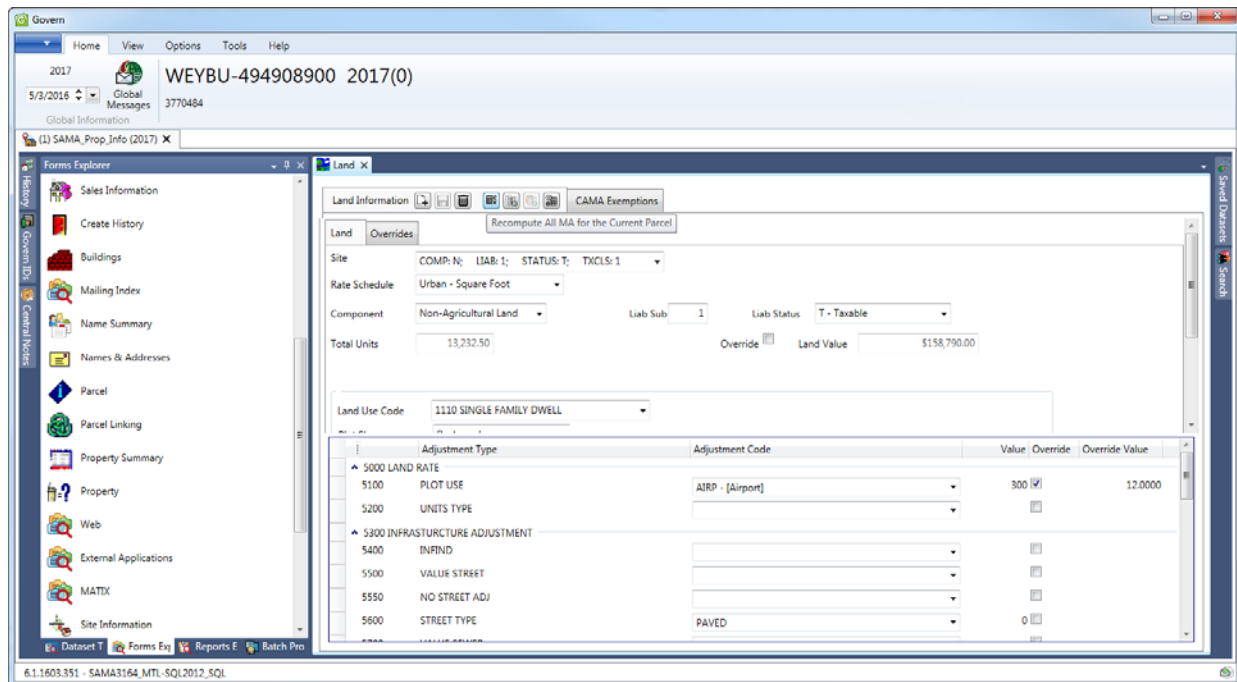
6. Click **Save**

Verifying that the Action Button is Added to the Form

If you have set the Recompute All MA for the Current Parcel functionality to manual mode, you can verify that the action button is added in Govern.

To verify the action button is added to the form:

1. Launch Govern.
2. Open a Profile that contains the form you configured.
3. Open the form.



The screenshot shows the Govern software interface. The main window displays the 'Land Information' form for profile 'WEYBU-494908900 2017(0)'. The form includes the following fields and sections:

- Site:** COMP: N, LIAB: 1, STATUS: T, TXCLS: 1
- Rate Schedule:** Urban - Square Foot
- Component:** Non-Agricultural Land
- Liab Sub:** 1
- Liab Status:** T - Taxable
- Total Units:** 13,232.50
- Land Use Code:** 1110 SINGLE FAMILY DWELL
- Adjustments Table:**

Adjustment Type	Adjustment Code	Value	Override	Override Value
5000 LAND RATE				
5100 PLOT USE	AIRP - [Airport]	300	<input checked="" type="checkbox"/>	12,0000
5200 UNITS TYPE			<input type="checkbox"/>	
5300 INFRASTRUCTURE ADJUSTMENT				
5400 INFIND			<input type="checkbox"/>	
5500 VALUE STREET			<input type="checkbox"/>	
5550 NO STREET ADJ			<input type="checkbox"/>	
5600 STREET TYPE	PAVED	0	<input type="checkbox"/>	

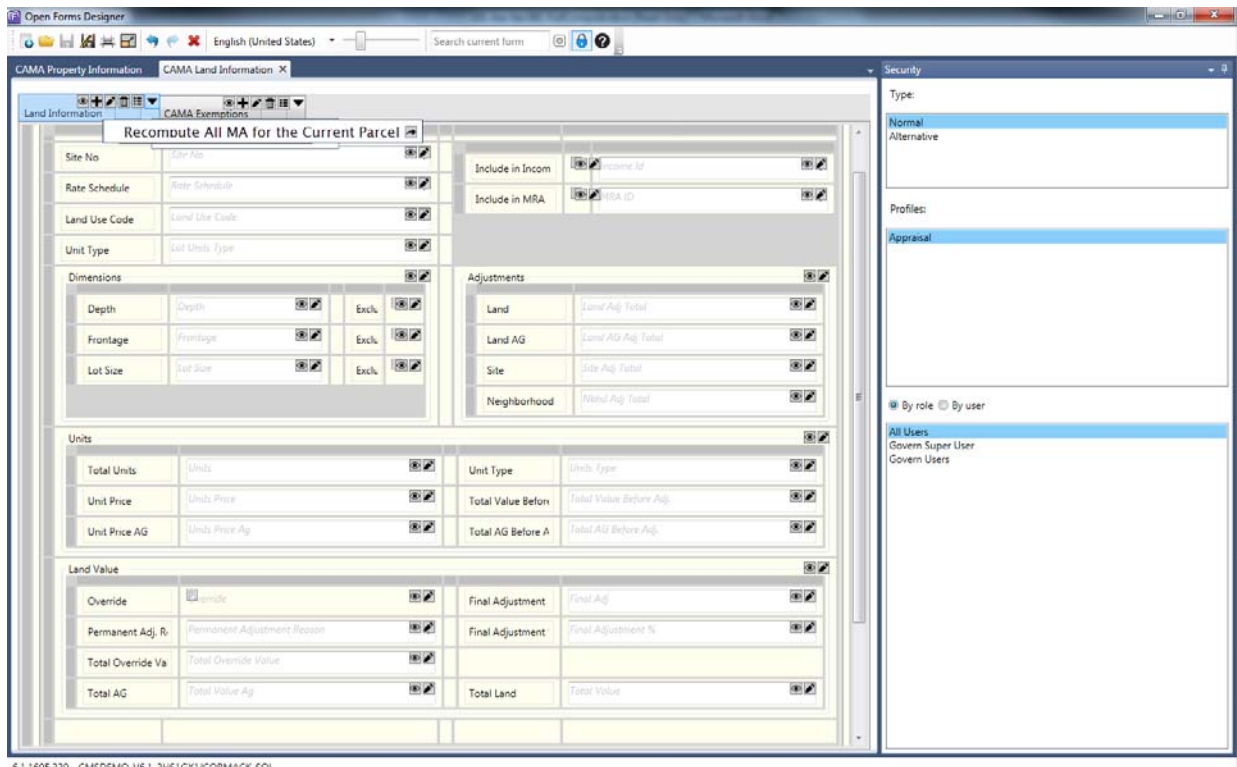
A button labeled 'Recompute All MA for the Current Parcel' is visible at the top of the form, above the 'Land Use Code' field.

4. Ensure that the **Recompute All MA for Current Parcel** button is visible.
5. Hover the mouse over the button.
6. Ensure that the tooltip is displayed.
7. Update a property record.
8. Open another land record.

Defining Security for the Recompute All Mass Appraisal Records Functionality

To set up security permissions for the Recompte All functionality:

1. Launch the Govern OpenForms Designer (OFD).
2. Open the form to which you added the **Recompute All** functionality.
3. Click the **Security** icon.



The screenshot shows the Open Forms Designer (OFD) interface. The main form is titled 'Recompute All MA for the Current Parcel'. It contains several sections with various fields and buttons. The 'Security' panel on the right is open, showing the 'Type' dropdown set to 'Normal', 'Profiles' set to 'Appraisal', and 'By role' selected. The 'All Users' list includes 'Govern Super User' and 'Govern Users'.

4. Select an item under each of the following:
 - Type
 - Profile
 - User or Role
5. Select the downward arrow beside the action buttons for the entity that you configured.

The security setting Recompute All MA for the Current Parcel is displayed.

- Click the arrow to disable the security for the selected security type, Profile, and Role or user.
- Click **Save** on the OpenForms Designer form.

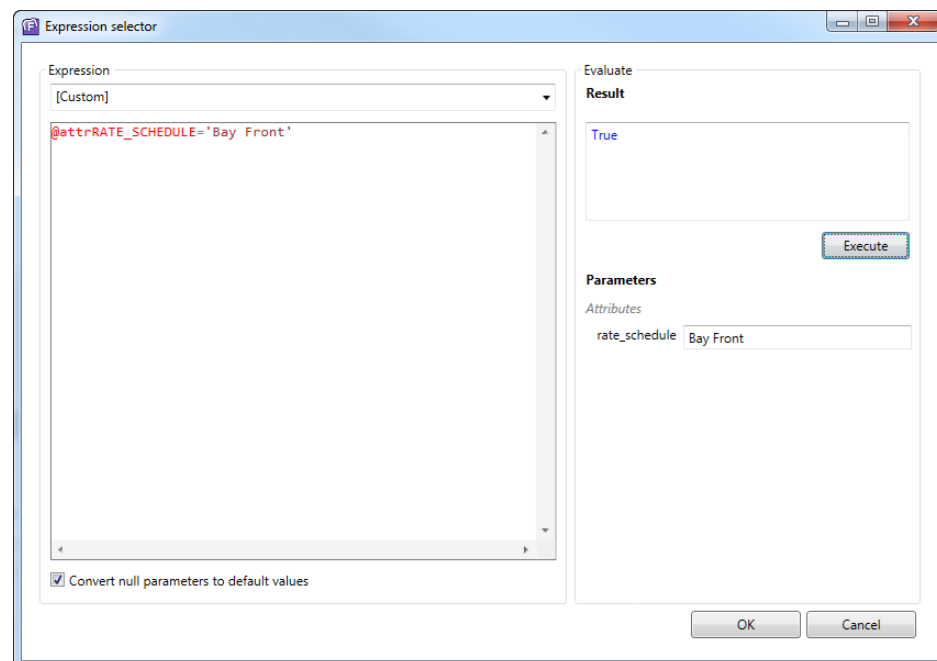
Adding a Condition to the Recompute All MA

You can add an expression to the **Recompute All MA** functionality in order to execute the recomputation only when a certain condition is met. For example, you could add an expression to execute the query only when a specific land schedule is selected.

To add a condition:

- Launch the Govern OFD.
- Open the form to which you added the **Recompute All MA** functionality.
- Click the ellipsis button beside the **Execute Condition** parameter.

This opens the Expression Selector.



The screenshot shows the 'Expression selector' dialog box. On the left, the 'Expression' field contains the text '@attrRATE_SCHEDULE='Bay Front''. Below this is a checkbox labeled 'Convert null parameters to default values' which is checked. On the right, the 'Evaluate Result' section shows 'True'. Below that, the 'Parameters' section shows 'Attributes' with 'rate_schedule' set to 'Bay Front'. There is an 'Execute' button next to the 'Evaluate Result' section. At the bottom right are 'OK' and 'Cancel' buttons.

- Enter the expression.
In the example, the expression is

Govern CAMA: Buildings

@attrRATE_SCHEDULE='Bay Front '

Tip: You can test the expression with the **Evaluate** feature. When you add an expression, the attributes in the expression appear on the form. Enter a value in the parameters for the form. Click **Evaluate**.

5. Click **OK** on the Expression Selector.
6. Click **Save** on the OpenForms Designer interface.