



MA017 – Land Information

MSGovern

Release 6.0

Last Revision Update: 2014/04/23

Version History

Version	Date	Modified By	Description
1.0	2014/03/04	Kar Wing Tam	Create document
2.0	2014/04/23	Oanh Vu	Add copy/paste buttons

Table of Contents

Version History.....	2
Summary	5
Description.....	5
Controller - Land	6
Functionalities	6
Configuration	8
BED	8
OFD	11
GNA.....	14
GSM	15
Govern.....	16
Control – Land Adjustment.....	17
Functionalities	17
Configuration	18
BED	18
OFD	19
GNA.....	20
GSM	20
Govern.....	21
Action – Refresh Data.....	22
Controller – MA Land Exemption	22
Functionalities	22
Configuration	23
OFD	23
GNA.....	23
GSM	23
Govern.....	23
IET	24
Mobile	24

Security.....24

Scenario.....25

Summary

This document describes the MA – Land Information. The land information has 2 sections: land and mass appraisal land exemptions (only when the system tax is used)

The land has :

- Controller with a custom save and custom delete
- Land adjustment control
- Action to refresh computed data with the daemon
- Actions
 - Action Button **Copy Land** to copy the land data info from current land record
 - Action Button **Paste Land** to paste the land data info to current land record
-

The MA land exemption has:

- Controller with a custom save, custom delete, add exemption and compute exemption
- Action to refresh computed data with the daemon

Description

The land information form allows the user to create new lands and view/modify/delete existing lands using the tables:

- MA_LAND
- MA_LAND_2 to MA_LAND_9 if existed
- MA_LD_INFO

When the client is using the system tax, the user can create new mass appraisal land exemptions and view/modify/delete existing mass appraisal land exemptions using the table:

- MA_LK_EXEMPTIONS

Controller - Land

The land information has a controller with a custom save and delete.

Functionalities

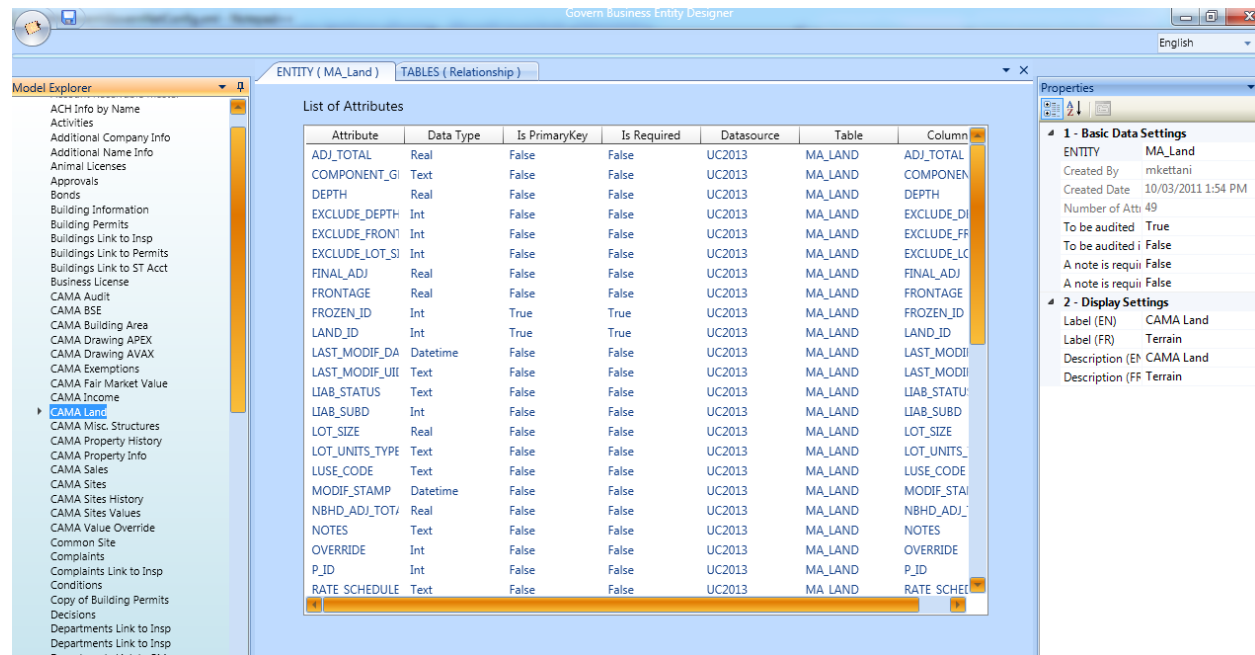
1. Custom save
 - a. Before save:
 - When the system use MA:
 - Freeze parcel historical data by duplicating all the tables related with a parcel ID, year ID and frozen ID. Create the original records with the frozen ID -1 when:
 1. ma_master.history_only = true
 2. The frozen -1 doesn't existed
 3. The current parcel id and year id don't have an active split merge record.
 - b. Execute open form save
 - c. After save:
 - When the system use MA or TX:
 - Call roll forward data to create or update land
2. Custom delete
 - a. Before delete:
 - When the system use MA:
 - Freeze parcel historical data by duplicating all the tables related with a parcel ID, year ID and frozen ID. Create the original records with the frozen ID -1 when:
 1. ma_master.history_only = true
 2. The frozen -1 doesn't existed
 3. The current parcel id and year id don't have an active split merge record.
 - b. Execute open form delete
 - c. After delete:
 - When the system use MA or TX:
 - Call roll forward data to delete land
3. Action buttons
 - a. **Copy Land** allows copying all information from the source land record. This will be done one land record at a time. The copy button will be available only if nothing changed on screen and not on create new land record.

- b. **Paste Land** allows updating **ON SCREEN** the existing land record from another land id on the same or on a different parcel (except the LOT_SIZE, LOT_UNITS_TYPE, UNITS, UNITS_TYPE). The user will then decide to save or cancel it. The paste button will be available only if nothing changed on screen and not on create new land record and after the copy button was clicked.

Configuration

Setup in BED, OFD, GNA and GSM

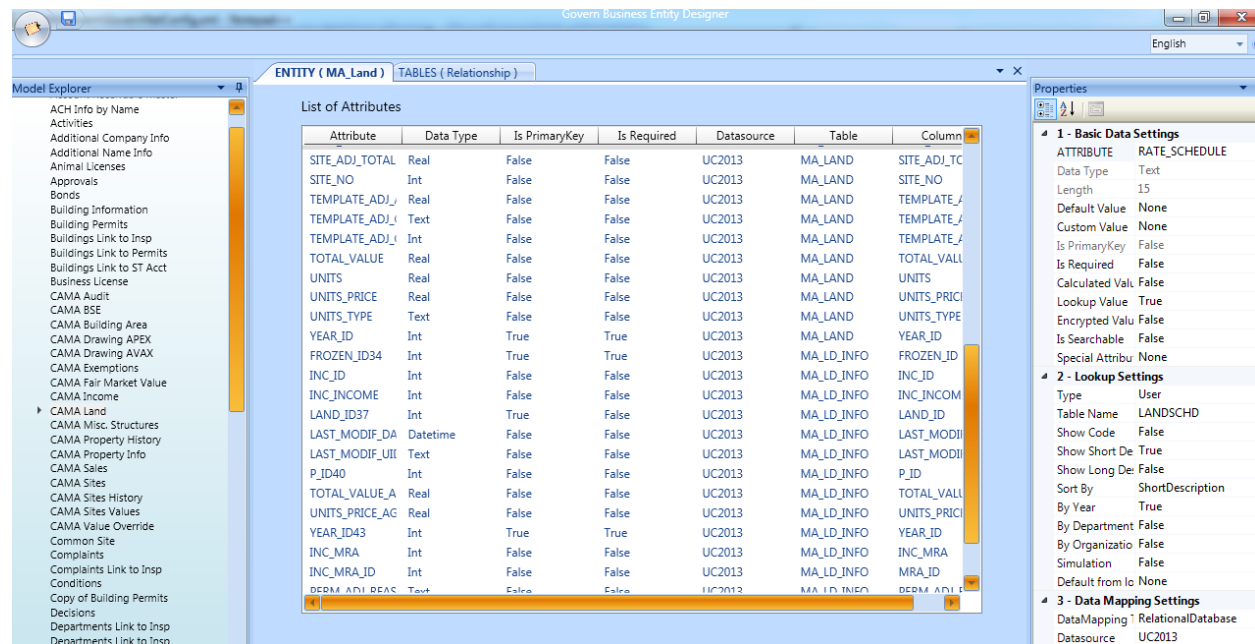
BED



The screenshot shows the MSGovern Business Entity Designer (BED) interface. The main window displays the 'List of Attributes' for the 'MA_Land' entity. The attributes are listed in a table with columns: Attribute, Data Type, Is PrimaryKey, Is Required, Datasource, Table, and Column. The attributes include ADJ_TOTAL, COMPONENT_GI, DEPTH, EXCLUDE_DEPTH, EXCLUDE_FRONT, EXCLUDE_LOT_S, FINAL_ADJ, FRONTAGE, FROZEN_ID, LAND_ID, LAST_MODIF_DA, LAST_MODIF_UII, LIAB_STATUS, LIAB_SUBD, LOT_SIZE, LOT_UNITS_TYPE, LUSE_CODE, MODIF_STAMP, NBHD_ADJ_TOT, NOTES, OVERRIDE, P_ID, and RATE_SCHEDULE.

Attribute	Data Type	Is PrimaryKey	Is Required	Datasource	Table	Column
ADJ_TOTAL	Real	False	False	UC2013	MA_LAND	ADJ_TOTAL
COMPONENT_GI	Text	False	False	UC2013	MA_LAND	COMPONENT_GI
DEPTH	Real	False	False	UC2013	MA_LAND	DEPTH
EXCLUDE_DEPTH	Int	False	False	UC2013	MA_LAND	EXCLUDE_DEPTH
EXCLUDE_FRONT	Int	False	False	UC2013	MA_LAND	EXCLUDE_FRONT
EXCLUDE_LOT_S	Int	False	False	UC2013	MA_LAND	EXCLUDE_LOT_S
FINAL_ADJ	Real	False	False	UC2013	MA_LAND	FINAL_ADJ
FRONTAGE	Real	False	False	UC2013	MA_LAND	FRONTAGE
FROZEN_ID	Int	True	True	UC2013	MA_LAND	FROZEN_ID
LAND_ID	Int	True	True	UC2013	MA_LAND	LAND_ID
LAST_MODIF_DA	Datetime	False	False	UC2013	MA_LAND	LAST_MODIF_DA
LAST_MODIF_UII	Text	False	False	UC2013	MA_LAND	LAST_MODIF_UII
LIAB_STATUS	Text	False	False	UC2013	MA_LAND	LIAB_STATUS
LIAB_SUBD	Int	False	False	UC2013	MA_LAND	LIAB_SUBD
LOT_SIZE	Real	False	False	UC2013	MA_LAND	LOT_SIZE
LOT_UNITS_TYPE	Text	False	False	UC2013	MA_LAND	LOT_UNITS_TYPE
LUSE_CODE	Text	False	False	UC2013	MA_LAND	LUSE_CODE
MODIF_STAMP	Datetime	False	False	UC2013	MA_LAND	MODIF_STAMP
NBHD_ADJ_TOT	Real	False	False	UC2013	MA_LAND	NBHD_ADJ_TOT
NOTES	Text	False	False	UC2013	MA_LAND	NOTES
OVERRIDE	Int	False	False	UC2013	MA_LAND	OVERRIDE
P_ID	Int	False	False	UC2013	MA_LAND	P_ID
RATE_SCHEDULE	Text	False	False	UC2013	MA_LAND	RATE_SCHEDULE

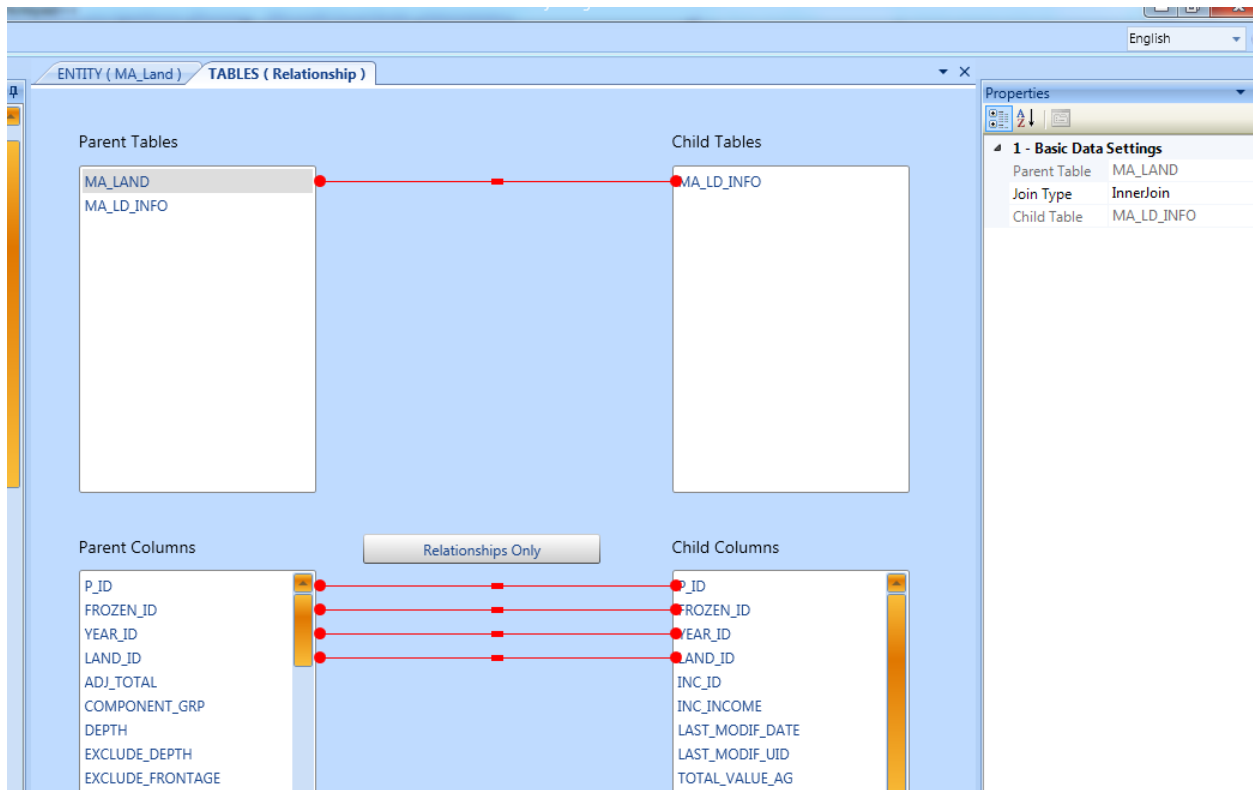
The right-hand pane shows the 'Properties' window for the 'MA_Land' entity. It includes sections for '1 - Basic Data Settings' and '2 - Display Settings'. The 'Basic Data Settings' section shows the entity name 'MA_Land', created by 'mikeetani', and created date '10/03/2011 1:54 PM'. The 'Display Settings' section shows the label 'CAMA Land' and the description 'CAMA Land'.



The screenshot shows the MSGovern Business Entity Designer (BED) interface, focusing on the 'RATE_SCHEDULE' attribute. The 'List of Attributes' table is shown, with the 'RATE_SCHEDULE' attribute highlighted. The 'Properties' window on the right shows the '1 - Basic Data Settings' and '2 - Lookup Settings' sections. The 'Basic Data Settings' section shows the attribute name 'RATE_SCHEDULE', data type 'Text', length '15', and default value 'None'. The 'Lookup Settings' section shows the attribute name 'RATE_SCHEDULE', type 'User', table name 'LANDSCHD', and various other settings.

Attribute	Data Type	Is PrimaryKey	Is Required	Datasource	Table	Column
SITE_ADJ_TOTAL	Real	False	False	UC2013	MA_LAND	SITE_ADJ_TOTAL
SITE_NO	Int	False	False	UC2013	MA_LAND	SITE_NO
TEMPLATE_ADJ_1	Real	False	False	UC2013	MA_LAND	TEMPLATE_ADJ_1
TEMPLATE_ADJ_2	Text	False	False	UC2013	MA_LAND	TEMPLATE_ADJ_2
TEMPLATE_ADJ_3	Int	False	False	UC2013	MA_LAND	TEMPLATE_ADJ_3
TOTAL_VALUE	Real	False	False	UC2013	MA_LAND	TOTAL_VALUE
UNITS	Real	False	False	UC2013	MA_LAND	UNITS
UNITS_PRICE	Real	False	False	UC2013	MA_LAND	UNITS_PRICE
UNITS_TYPE	Text	False	False	UC2013	MA_LAND	UNITS_TYPE
YEAR_ID	Int	True	True	UC2013	MA_LAND	YEAR_ID
FROZEN_ID34	Int	True	True	UC2013	MA_LD_INFO	FROZEN_ID
INC_ID	Int	False	False	UC2013	MA_LD_INFO	INC_ID
INC_INCOME	Int	False	False	UC2013	MA_LD_INFO	INC_INCOM
LAND_ID37	Int	True	False	UC2013	MA_LD_INFO	LAND_ID
LAST_MODIF_DA	Datetime	False	False	UC2013	MA_LD_INFO	LAST_MODIF
LAST_MODIF_UII	Text	False	False	UC2013	MA_LD_INFO	LAST_MODIF
P_ID40	Int	False	False	UC2013	MA_LD_INFO	P_ID
TOTAL_VALUE_A	Real	False	False	UC2013	MA_LD_INFO	TOTAL_VALU
UNITS_PRICE_AG	Real	False	False	UC2013	MA_LD_INFO	UNITS_PRICE
YEAR_ID43	Int	True	True	UC2013	MA_LD_INFO	YEAR_ID
INC_MRA	Int	False	False	UC2013	MA_LD_INFO	INC_MRA
INC_MRA_ID	Int	False	False	UC2013	MA_LD_INFO	MRA_ID
DEPM ADJ DEAC	Text	False	False	UC2013	MA_LD_INFO	DEPM ADJ DE

The right-hand pane shows the 'Properties' window for the 'RATE_SCHEDULE' attribute. It includes sections for '1 - Basic Data Settings' and '2 - Lookup Settings'. The 'Basic Data Settings' section shows the attribute name 'RATE_SCHEDULE', data type 'Text', length '15', and default value 'None'. The 'Lookup Settings' section shows the attribute name 'RATE_SCHEDULE', type 'User', table name 'LANDSCHD', and various other settings.



Government Business Entity Designer

MODEL (CAMA Land) ENTITIES (Relationship)

Model Explorer

- Business Models
 - AccountReceivableInquiry
 - AnimalLicenses
 - Approvals
 - Bonds
 - BuildingLinking
 - BuildingPermits
 - BusinessLicenses
 - CAMA Audit
 - CAMA BSE
 - CAMA Drawing
 - CAMA Drawing AVAX
 - CAMA Income
 - CAMA Land
 - CAMA Miscellaneous Struct
 - CAMA MRA
 - CAMA Property Information
 - CAMA Sales
 - CAMA Sites
 - CAMA Value Override
 - Complaints

List of Entities

IsRoot	Entity	Created By	Created Date
False	MA_Exemptions	mkettani	3/10/2011 1:45:40 PM
True	MA_Land	mkettani	3/10/2011 1:54:41 PM

Properties

1 - Basic Data Settings

MODEL CAMA Land

Root Entity MA_Land

Last Updated C 24/02/2012 8:57 AM

Use by Query T False

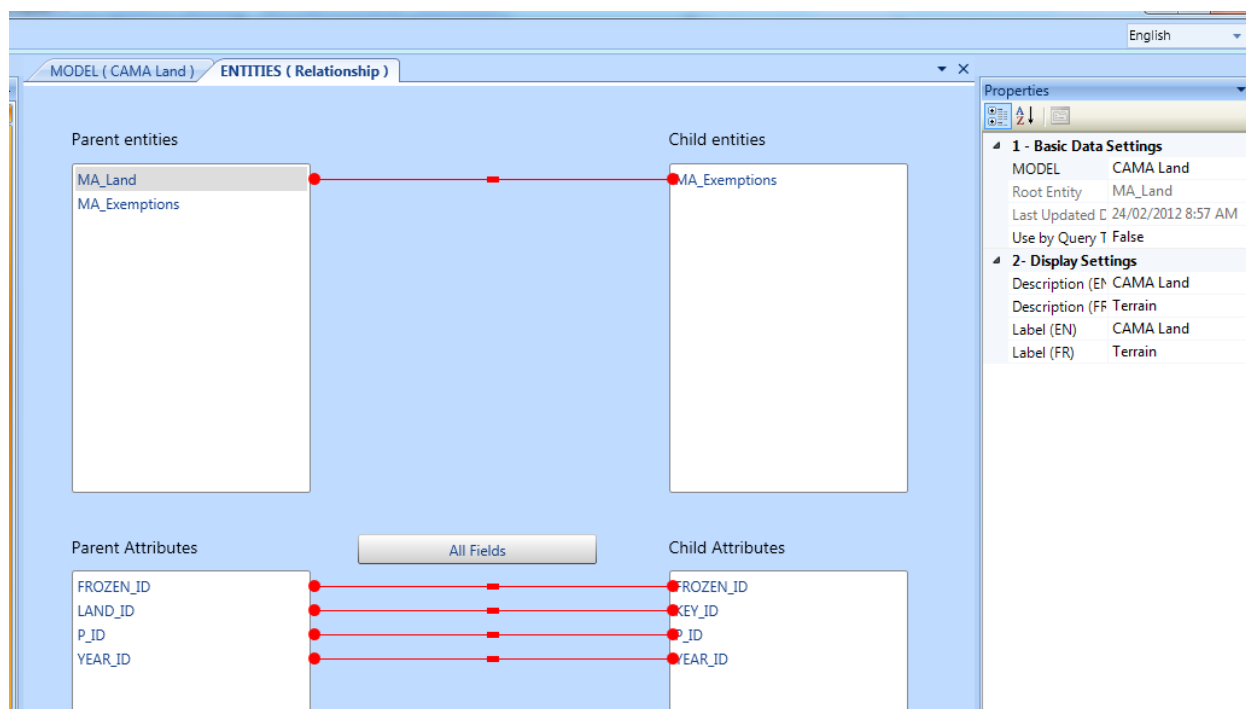
2 - Display Settings

Description (EN) CAMA Land

Description (FR) Terrain

Label (EN) CAMA Land

Label (FR) Terrain



OFD

Open Forms Designer

English (United States) Search current form

Entities

- CAMA Land (Root)
 - CAMA Exemptions

Land Information

CAMA Land

Luse Code		Component Grp	
Site No		Total Value	
Rate Schedule		Include in MRA	
Depth		Exclude Depth	
Exclude Frontage		Exclude Lot Size	
Final Adj		Frontage	
Liab Status		Liab Subd	
Lot Size		Lot Units Type	
Adj Total		Nbhd Adj Total	
Units Price Ag		MRA ID	
Inc Income		Total Value Ag	
Override		Income Id	
Site Adj Total		Template Adj Am	
Template Adj Cd		Template Adj Ov	
Total Value		Units	
Units Price		Units Type	
Final Adjustment %		Permanent Adjustment Reason	
Notes			

MAlandAdjustments_Control

Properties

Entity tab item

Controller

Controller properties

Layout

Height

Horizontal alignment

Vertical alignment

Width

Misc

Configuration

Name

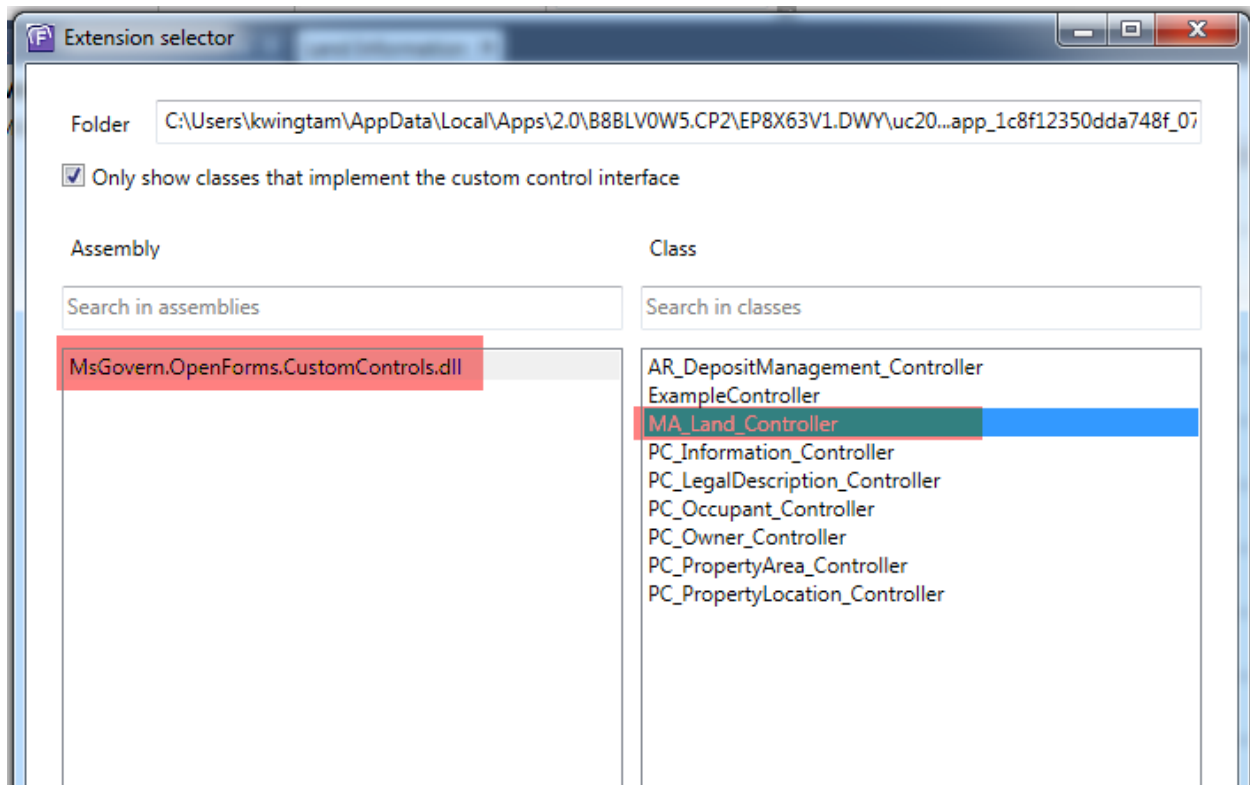
Record description

Tab sequence number

Text

V 6.0.1403.40 - UC2013_TACOMASQL2008R2_SQL

Add controller in land:



Add entity configuration:

Entity configuration

Attributes

Adj Total
Component Grp
Depth
Exclude Depth
Exclude Frontage
Exclude Lot Size
Final Adj
Final Adjustment %
Frontage
Frozen Id
Frozen Id
Inc Income
Include in MRA
Income Id
Land Id
Land Id
Last Modif Date
Last Modif Date
Last Modif Uid
Last Modif Uid
Liab Status
Liab Subd
Lot Size
Lot Units Type
Luse Code
Modif Stamp
MRA ID
Nbhd Adj Total
Notes
Override
P Id
P Id
Permanent Adjustment Reason
Rate Schedule
Site Adj Total
Site No
Template Adj Am
Template Adj Cd
Template Adj Ov
Total AG
Total Value
Total Value
Total Value Ag
Units
Units Price

Filters by system ID

Attribute	System ID	
Frozen Id	frozen id	
P Id	parcel id	
Year Id	year id	

Filters by constants

Attribute	Operator	Constant
-----------	----------	----------

Order by

Attribute	Direction
-----------	-----------

Reposition

Attribute	System ID
-----------	-----------

ID setters

Attribute	System ID	
Frozen Id	frozen id	
Land Id	land id	
P Id	parcel id	
Year Id	year id	

OK Cancel

GNA

Profile Editor X

List of Profiles

- PC2013 - Property Control
- UC2013 - User Conference 2013
- UC2013-Cyril - Cyril UC2013

Profile: 1 Of 3

Properties Links Queries

Profile Code: PC2013

Property Control

Dataset Type Code: parcel id

Group Code:

Default eStyle:

Default eGroup: Property Search

Department: Assessor

Jurisdiction:

Current Fiscal Year: 2013

Owner Month:

Owner Year:

Number of Records Before Warning: 0

Minimum Number Before Rollback: 0

View for Dataset TreeView

V_TREEVIEW_PARCEL_INFO

Privacy / Restrictions for Names

Name Group Code: B3

- ☒ None
- ☐ Restricted Name
- ☐ Restricted Address
- ☐ Name Privacy

☐ Approved Subdivision

☐ Overwrite Calendar

Profile 1 Of 3

Properties Links Queries

Forms Reports

- PC01 - Property Information
- pc017 - Property Area
- pc018 - Legal Information
- BEN001 - BenCamaDrawing
- MA17 - Land Information

GSM

Security Manager

Security

Object Explorer

Object Explorer Details

View

Blue Silver Black Custom Black

Ribbon Color Theme

Change culture

Culture

Object Explorer

Refresh Synchronize all

UC2013_TACOMASQL2008R2_SQL (Kar Wing Ta)

Applications

Object Types

Roles

Apartment

App Admin

Assessment Services

Assessor Administration

Clerk's Office

Condo

Govern Users

Homesteads

Insert / Update

Insert / Update / Delete

Inspections

Loop Income

Non Loop Income

Residential

Spec Assmt

Update Only

View Only

Users

Role: Govern Users

Save Refresh Close

General Permissions

Permissions per application:

Application	E	Alt. E	V	Alt. V	I	Alt. I	U	Alt. U	D	Alt. D	B	Alt. B	C	Alt. C
GIS	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐
GNA	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐
Govern	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐
Menu	☐	☐	☒	☐	☐	☐	☒	☐	☒	☐	☒	☐	☒	☐
Profiles	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Cyril UC2013	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Property Control	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
External Commands	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
OpenForms	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
BenCamaDrawing	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Land Information	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Legal Information	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Property Area	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Property Information	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Queries	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Reports	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
User Conference 2013	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Govern Scheduler	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐
OpenForms Designer	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐
Query tool	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐
Validation Tables	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐	☒	☐

Govern

Land Information X

CAMA Land






1 of 2

Luse Code		Component Grp	
Site No		Total Value	
Rate Schedule	Res/Apt (Non-L)	Include in MRA	
Depth	100	Exclude Depth	
Exclude Frontage		Exclude Lot Size	
Final Adj		Frontage	42
Liab Status		Liab Subd	
Lot Size	5670	Lot Units Type	Acres
Adj Total	80112.0000	Nbhd Adj Total	
Units Price Ag		MRA ID	
Inc Income		Total Value Ag	
Override		Income Id	
Site Adj Total		Template Adj Am	
Template Adj Cd		Template Adj Ov	
Total Value	176500.0000	Units	5670
Units Price	17.0000	Units Type	Square Feet
Final Adjustment %		Permanent Adjustment Reason	
Notes			

Control – Land Adjustment

The land information has a custom control showing a grid to enter adjustments for the land.

Functionalities

1. Show control in a xceed grid
2. Save all the adjustments from the grid when the save button of the land is clicked.
3. Create audit on each adjustment records. (Not implemented yet)
4. Delete all the adjustments from the grid when the delete button of the land is clicked.
5. Load land adjustments when the create button of the land id is clicked or load the adjustment of the current land ID by getting the predefined adjustments with the following tables depending on the associate land adjustment type:

SY_REGISTRY			
Name	Section Name	Key Name	Type
Land Use	Mass Appraisal	Associate Ladjt to luse	Yes or No
Land Schedule	Mass Appraisal	Associate Ladjt to Landschd	Yes or No

- a. Land Use and land adjustment effective year <= current year:
 - ma_parm_ladjt_luse
 - ma_tables

DA_MA_General.GetMAValidationTablesByLandUse

- b. Land Schedule and land adjustment effective year <= current year:
 - ma_parm_ladjt_schd
 - ma_tables

DA_MA_General.GetMAValidationTablesByLandSchedule

- c. Otherwise:
 - ma_tables

DA_MA_General.GetMassAppraisalValidationTablesByTableType

6. Reload the content of all adjustment code combobox depending on the matrix.

7. Each row has a label, combo box, text box and a check box. The textbox is always disabled. When the checkbox is checked, the textbox will be editable.
 - Label: Description of the adjustment type (Fix)
 - Combo Box: Adjustment code (User defined)
 - Text Box: Value (User defined)
 - Check Box: Override the value in the Text Box (User defined)
8. Add security on the column in the grid:
 - a. Adjustment Override:
 - When the override is not visible or read-only then adjustment value is read-only.
 - b. Adjustment Code

Configuration

Only need to add setup in OFD and GSM.

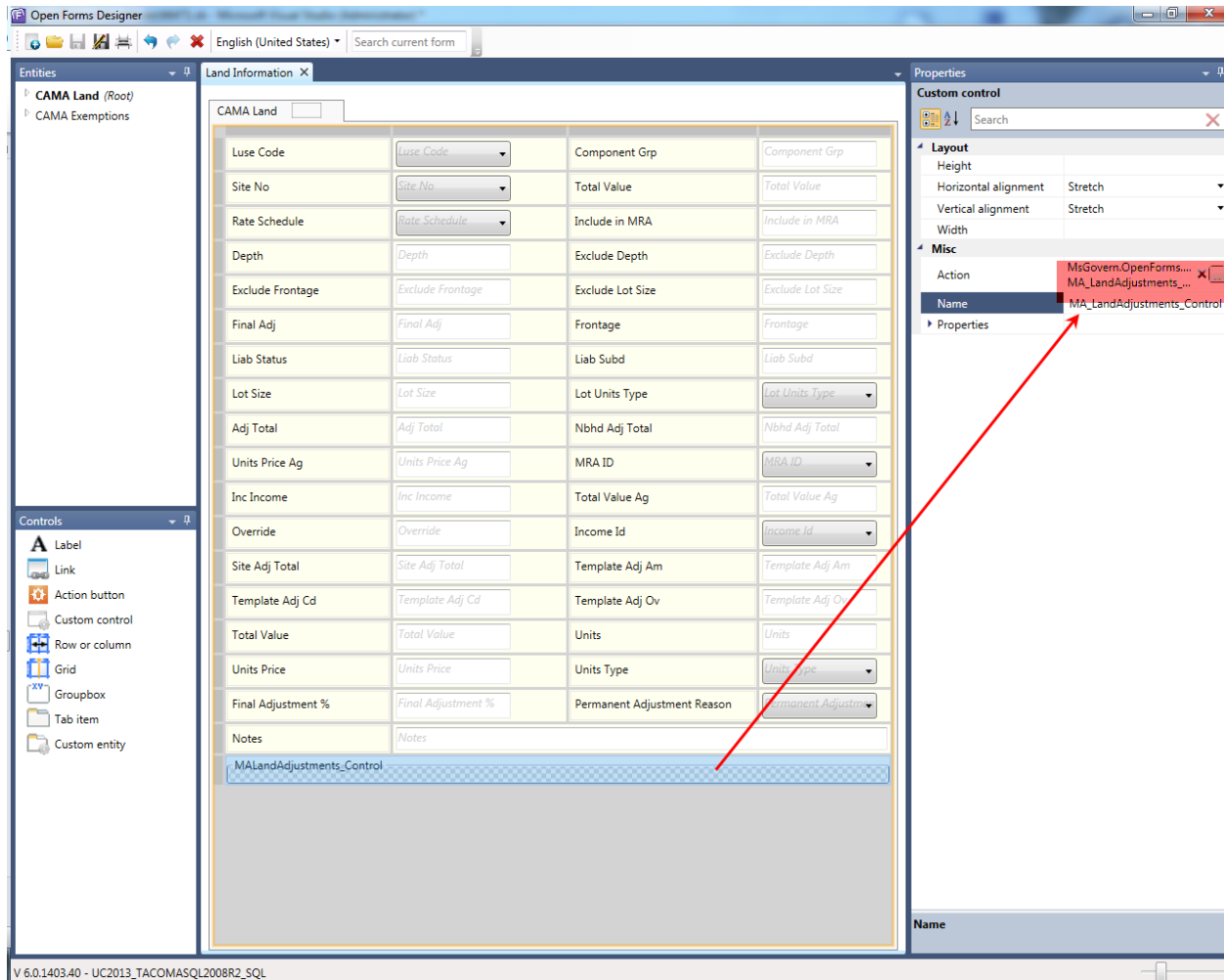
Need to do the setup of the land adjustment in VB6. Please check in the VB6 documentation to see how to create new adjustment and matrix.

BED

N/A

OFD

Add control:



The screenshot shows the Open Forms Designer (OFD) interface. The main window displays a form titled 'Land Information' with a table of fields. A red arrow points from the 'MA_LandAdjustments_Control' entry in the 'Controls' list on the left to the 'Name' property in the 'Custom control' properties panel on the right.

Entities: CAMA Land (Root), CAMA Exemptions

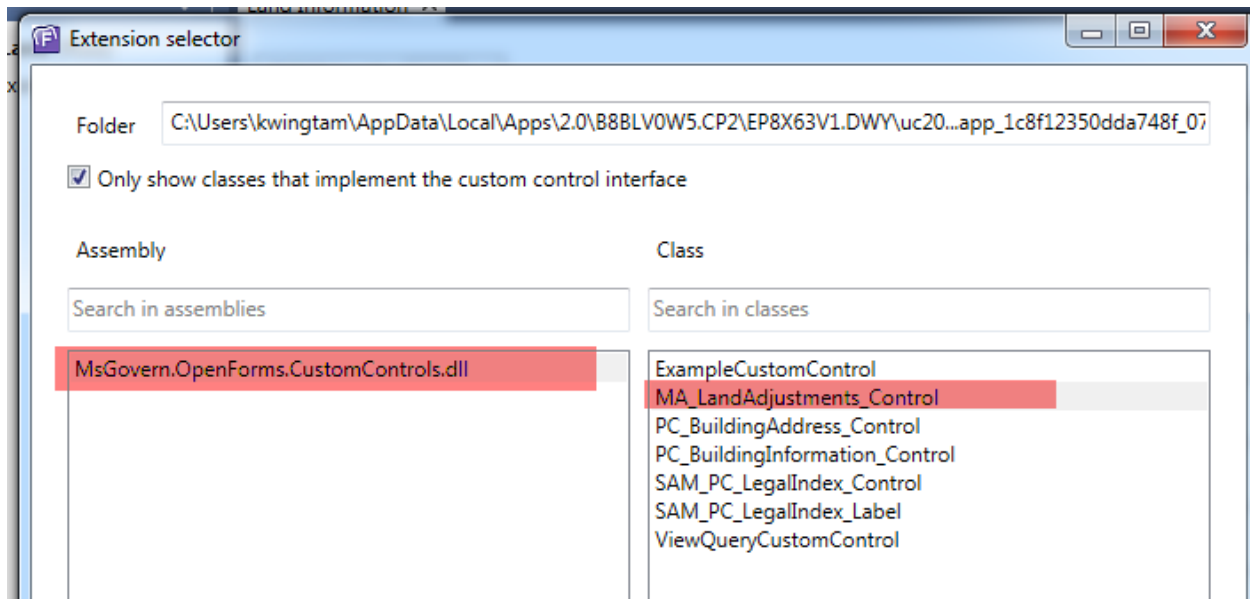
Land Information

CAMA Land			
Luse Code		Component Grp	
Site No		Total Value	
Rate Schedule		Include in MRA	
Depth		Exclude Depth	
Exclude Frontage		Exclude Lot Size	
Final Adj		Frontage	
Liab Status		Liab Subd	
Lot Size		Lot Units Type	
Adj Total		Nbhd Adj Total	
Units Price Ag		MRA ID	
Inc Income		Total Value Ag	
Override		Income Id	
Site Adj Total		Template Adj Am	
Template Adj Cd		Template Adj Ov	
Total Value		Units	
Units Price		Units Type	
Final Adjustment %		Permanent Adjustment Reason	
Notes			

Controls: Label, Link, Action button, Custom control, Row or column, Grid, Groupbox, Tab item, Custom entity

Custom control properties:

- Name:** MA_LandAdjustments_Control



GNA

N/A

GSM

N/A (Waiting for techno changes)

Govern

Govern

Home View Options Tools Batch Process Help

2013 3/28/2014 Global Messages 2.97% Increase Value

(1) Property Control (2013)

Forms Explorer

- Property Information
- Property Area
- Legal Information
- BenCamaDrawing
- Land Information**

Land Information

CAMA Land

Units Price Ag

Inc Income

Override

Site Adj Total

Template Adj Cd

Total Value 176500.0000

Units Price 17.0000

Final Adjustment %

Notes

MRA ID

Total Value Ag

Income Id

Template Adj Am

Template Adj Ov

Units 5670

Units Type Square Feet

Permanent Adjustment Reason

Drag a column header here to group by that column.

	Adjustment Type	Adjustment Code	Value	Override
8	Antennas	Number of Antennas	0	☐
9	Billboard	Number of Billboards	0	☐
10	Assessment Level			☐
45	Condo - Pct. Commo...		15543	☒
47	Res/Apt Size Adjust...	Size Adjustment	98.89505	☐
48	Res/Apt Site Rating	Site Rating	100	☐
51	Apt/Res Zoning Adju...	Zoning Adjustment	100	☐
52	Apt/Res Adj Prop	Adjacent Property	100	☐
55	Surface Pkg	No		☐
56	Surface Parking Spac...	Surface Parking	0	☐
61	Location Factor Land	Location Factor Res/...	150.14	☐
63	Thru Street	Thru Street Residential	100	☐
64	Water Influence	Water	123.3238	☐
74	Test 1			☐
75	Test 2			☐

Dataset Treevi Forms Explore Reports Explor

V 6.0.0.0 - UC2013_TACOMASQL2008R2_SQL

Action – Refresh Data

1. Refresh the data in the form.
2. The button is always visible as long as the compute is not completed in the daemon.
 - a. Check the column MODIF_STAMP of the root table.
 - When the MODIF_STAMP = NULL, the daemon haven't execute the compute, otherwise the current date time is saved in MODIF_STAMP.
3. The button is always enabled.
4. Button include in the controller.

Controller – MA Land Exemption

The land information has a section called Exemptions when the system has the tax. The MA land exemption has a controller with a custom save, custom delete, add exemption and compute exemption.

This function is not available at this moment. To do in the future.

Functionalities

1. Custom save
 - a. Before save:
 - When the system use MA:
 - Freeze parcel historical data by duplicating all the tables related with a parcel ID, year ID and frozen ID. Create the original records with the frozen ID -1 when:
 1. ma_master.history_only = true
 2. The frozen -1 doesn't existed
 3. The current parcel id and year id don't have an active split merge record.
 - b. Execute open form save
 - c. After save:
 - When the system use MA or TX:
 - Call roll forward data to create or update MA land exemption
2. Custom delete
 - a. Before delete:
 - When the system use MA:

- Freeze parcel historical data by duplicating all the tables related with a parcel ID, year ID and frozen ID. Create the original records with the frozen ID -1 when:
 - 1. ma_master.history_only = true
 - 2. The frozen -1 doesn't existed
 - 3. The current parcel id and year id don't have an active split merge record.
 - Check if the exemption of the current parcel is already linked. Throw an error message if the exemption is linked.
- b. Execute open form delete
- c. After delete:
 - When the system use MA or TX:
 - Call roll forward data to delete MA land exemption
- 3. Calculate exemption amount
 - a. Calculate the amount using the tax real estate exemption parameter.
- 4. Add exemption
 - a. Popup window
 - b. Show a grid with all the exemption
 - c. Button OK
 - Add exemption
 - d. Button Cancel
 - Exit the window

Configuration

N/A

BED

N/A

OFD

N/A

GNA

N/A

GSM

N/A

Govern

N/A

IET

N/A

Mobile

N/A

Security

N/A

Scenario