

MA20 – Misc. Structures

Misc. Structures in MSGovern V6

Release 6.0 Version 1

Last Revision Update: 2014/05/27

Version History

Version	Date	Modify By	Description
1.0	2014/05/27	Eric Plante	Create document

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Summary

Update values from MA_MISC_STRUCTURES

Description

Update table MA_MISC_STRUCTURES. Override some values fed by other means values. It will use the Daemon to recompute the values.

Database

MA_MISC_STRUCTURES

Functionalities

Before save

Before Delete

Copy the current structure

- Disable if IsDirty or no data
- Ask the user which recordset to use and how many copies

Refresh the data after daemon recalculated.

Override some attributes

- Monitor Inc_income change
 - o If 0, disable inc_id
- monitor Inc_mra change
 - o if 0, disable inc_mra_id
 - o **The database column name is mra_id so it has to be renamed in BED into inc_mra_id**
- Monitor Override change
 - o If 0, disable final_adj and total_value
 - o If checked and both Final_Adj and Total_Value > 0, Final_Adj = 0
- Monitor Final_Adj change
 - o if > 0 and Total_Value > 0, Total_Value = 0
- Monitor Total_Value
 - o If > 0 and Final_Adj > 0, Final_Adj = 0
- Monitor Observed_cond Change
 - o If 0, disable depr_percent
- Monitor Length and width
 - o If length and width have a value
 - unit is length * width
 - units is disabled
 - o If length is 0
 - Length is set to null
 - o If width is 0
 - width is set to null
- monitor muse_code
 - o is empty or none
 - set units_price to null
 - disable units_price

Combine Bldg_id and Bldg_seq into a single combobox named DUMMYBLDG that contains all the potential combinations for the parcel.

- when the value changes, feed both attributes from the value
- When the current item changes, combine both values and feed the dummy.

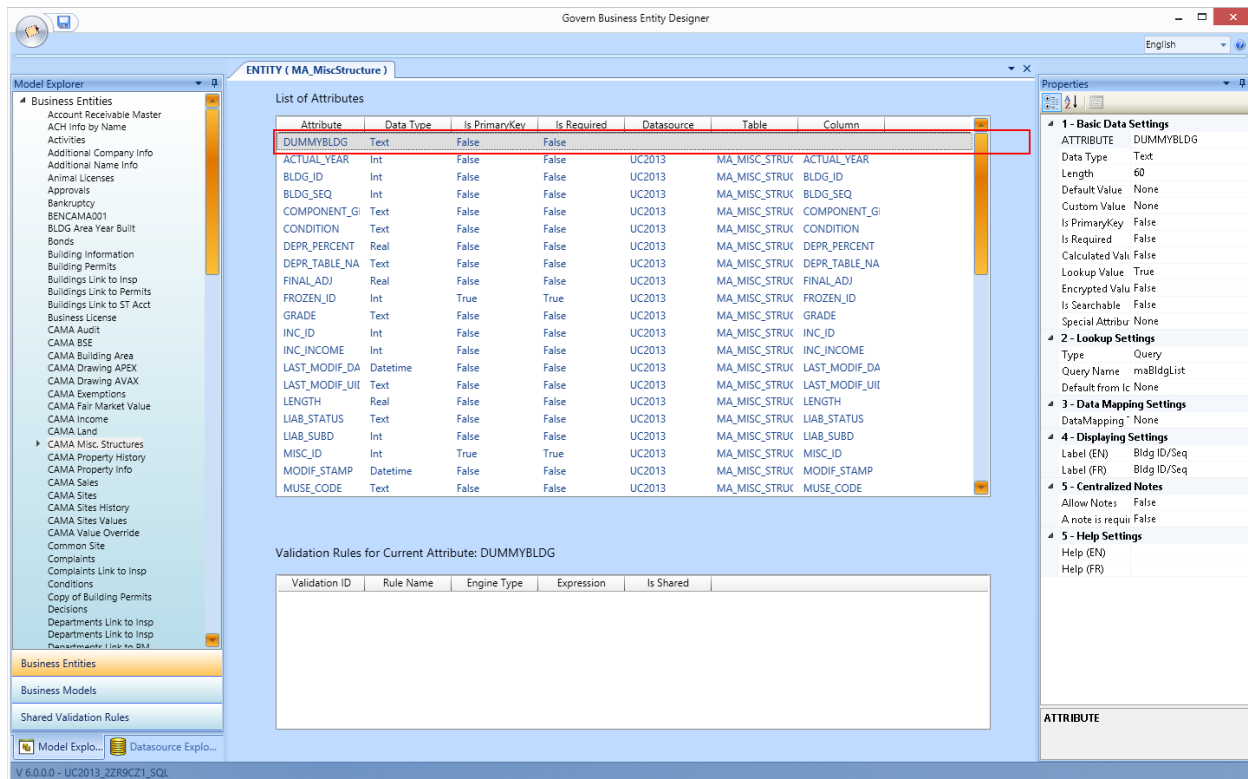
Roll Forward

Class

MA_MiscStructures_Controller

MA_MiscStructures_CopyStructure_Control

UI



The screenshot shows the 'Govern Business Entity Designer' application. The main window displays the 'ENTITY (MA_MiscStructure)' with a 'List of Attributes' table. The 'DUMMYBLDG' attribute is highlighted in red. The 'Properties' pane on the right shows settings for the 'DUMMYBLDG' attribute.

Attribute	Data Type	Is PrimaryKey	Is Required	Datasource	Table	Column
DUMMYBLDG	Text	False	False			
ACTUAL_YEAR	Int	False	False	UC2013	MA_MISC_STRUK	ACTUAL_YEAR
BLDG_ID	Int	False	False	UC2013	MA_MISC_STRUK	BLDG_ID
BLDG_SEQ	Int	False	False	UC2013	MA_MISC_STRUK	BLDG_SEQ
COMPONENT_GI	Text	False	False	UC2013	MA_MISC_STRUK	COMPONENT_GI
CONDITION	Text	False	False	UC2013	MA_MISC_STRUK	CONDITION
DEPR_PERCENT	Real	False	False	UC2013	MA_MISC_STRUK	DEPR_PERCENT
DEPR_TABLE_NA	Text	False	False	UC2013	MA_MISC_STRUK	DEPR_TABLE_NA
FINAL_ADJ	Real	False	False	UC2013	MA_MISC_STRUK	FINAL_ADJ
FROZEN_ID	Int	True	True	UC2013	MA_MISC_STRUK	FROZEN_ID
GRADE	Text	False	False	UC2013	MA_MISC_STRUK	GRADE
INC_ID	Int	False	False	UC2013	MA_MISC_STRUK	INC_ID
INC_INCOME	Int	False	False	UC2013	MA_MISC_STRUK	INC_INCOME
LAST_MODIF_DA	Datetime	False	False	UC2013	MA_MISC_STRUK	LAST_MODIF_DA
LAST_MODIF_UII	Text	False	False	UC2013	MA_MISC_STRUK	LAST_MODIF_UII
LENGTH	Real	False	False	UC2013	MA_MISC_STRUK	LENGTH
LIAB_STATUS	Text	False	False	UC2013	MA_MISC_STRUK	LIAB_STATUS
LIAB_SUBD	Int	False	False	UC2013	MA_MISC_STRUK	LIAB_SUBD
MISC_ID	Int	True	True	UC2013	MA_MISC_STRUK	MISC_ID
MODIF_STAMP	Datetime	False	False	UC2013	MA_MISC_STRUK	MODIF_STAMP
MUSE_CODE	Text	False	False	UC2013	MA_MISC_STRUK	MUSE_CODE

Validation Rules for Current Attribute: DUMMYBLDG

Validation ID	Rule Name	Engine Type	Expression	Is Shared

Properties

- 1 - Basic Data Settings**
 - ATTRIBUTE: DUMMYBLDG
 - Data Type: Text
 - Length: 60
 - Default Value: None
 - Custom Value: None
 - Is PrimaryKey: False
 - Is Required: False
 - Calculated Value: False
 - Lookup Value: True
 - Encrypted Value: False
 - Is Searchable: False
 - Special Attribute: None
- 2 - Lookup Settings**
 - Type: Query
 - Query Name: maBldgList
 - Default from: None
- 3 - Data Mapping Settings**
 - DataMapping: None
- 4 - Displaying Settings**
 - Label (EN): Bldg ID/Seq
 - Label (FR): Bldg ID/Seq
- 5 - Centralized Notes**
 - Allow Notes: False
 - A note is required: False
- 5 - Help Settings**
 - Help (EN):
 - Help (FR):

ATTRIBUTE

Govern Business Entity Designer

ENTITY (MA_MiscStructure)

List of Attributes

Attribute	Data Type	Is PrimaryKey	Is Required	Datasource	Table	Column
COMPONENT_ID	Text	False	False	UC2013	MA_MISC_STRUC	COMPONENT_ID
CONDITION	Text	False	False	UC2013	MA_MISC_STRUC	CONDITION
DEPR_PERCENT	Real	False	False	UC2013	MA_MISC_STRUC	DEPR_PERCENT
DEPR_TABLE_NA	Text	False	False	UC2013	MA_MISC_STRUC	DEPR_TABLE_NA
FINAL_ADJ	Real	False	False	UC2013	MA_MISC_STRUC	FINAL_ADJ
FROZEN_ID	Int	True	True	UC2013	MA_MISC_STRUC	FROZEN_ID
GRADE	Text	False	False	UC2013	MA_MISC_STRUC	GRADE
INC_ID	Int	False	False	UC2013	MA_MISC_STRUC	INC_ID
INC_INCOME	Int	False	False	UC2013	MA_MISC_STRUC	INC_INCOME
LAST_MODIF_DA	Datetime	False	False	UC2013	MA_MISC_STRUC	LAST_MODIF_DA
LAST_MODIF_UI	Text	False	False	UC2013	MA_MISC_STRUC	LAST_MODIF_UI
LENGTH	Real	False	False	UC2013	MA_MISC_STRUC	LENGTH
LIAB_STATUS	Text	False	False	UC2013	MA_MISC_STRUC	LIAB_STATUS
LIAB_SUBD	Int	False	False	UC2013	MA_MISC_STRUC	LIAB_SUBD
MISC_ID	Int	True	True	UC2013	MA_MISC_STRUC	MISC_ID
MODIF_STAMP	Datetime	False	False	UC2013	MA_MISC_STRUC	MODIF_STAMP
MUSE_CODE	Text	False	True	UC2013	MA_MISC_STRUC	MUSE_CODE
NB_UNITS	Int	False	False	UC2013	MA_MISC_STRUC	NB_UNITS
NBHD_ADJ_TOTL	Real	False	False	UC2013	MA_MISC_STRUC	NBHD_ADJ_TOTL
NOTES	Text	False	False	UC2013	MA_MISC_STRUC	NOTES
OBSERVED_CON	Int	False	False	UC2013	MA_MISC_STRUC	OBSERVED_CON

Validation Rules for Current Attribute: MUSE_CODE

Validation ID	Rule Name	Engine Type	Expression	Is Shared
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Properties

1 - Basic Data Settings

ATTRIBUTE: MUSE_CODE

Data Type: Text

Length: 15

Default Value: None

Custom Value: None

Is PrimaryKey: False

Is Required: True

Calculated Val: False

Lookup Value: True

Encrypted Val: False

Is Searchable: False

Special Attribute: None

2 - Lookup Settings

User: User

Table Name: MISCUSE

Show Code: True

Show Short De: True

Show Long De: False

Sort By: ShortDescription

By Year: True

By Department: False

By Organization: False

Simulation: False

Default from ic: None

3 - Data Mapping Settings

DataMapping: RelationalDatabase

Datasource: UC2013

Table: MA_MISC_STRUCTURE

Column: MUSE_CODE

Identity Type: None

4 - Displaying Settings

Label (EN): MUSE_CODE

Label (FR): MUSE_CODE

5 - Centralized Notes

Allow Notes: False

Is Required

Entity tab Item

Controller: MSGovern.OpenForms.CustomCon- MA_MiscStructures_Controller

Controller properties

Debug

Element id: 361412ef-7239-4025-9cde-3d4d82a10809

Misc

Allow delete: X

Allow insert: X

Allow save: X

Configuration: Click to edit

Name: MA_MiscStructure

Record description: X

Tab sequence number

Text: CAMA Misc Structures

Those attributes are important to the controller

V 6.0.0.0 - UC2013_ZZR9CZ1_SQL

Entity configuration

Attributes

Actual Year

Bldg Id

Bldg ID/Seq

Bldg No

Bldg Seq

Component Group

Condition

Depr Percent

Depr Table Name

ECN_PCT_GOOD

ECN_PCT_GOOD_VAL

Final Adjustment

FINAL_ADJ_PERCENT

Frozen Id

FUN_PCT_GOOD

FUN_PCT_GOOD_VAL

Grade

Inc Income

Inc Mra

Income Id

Last Modif Date

Last Modif Uid

Length

Liab Subdivision

Liability Status

Misc Id

Modif Stamp

Mra Id

Muse Code

Nb Units

Nbhd Adj Total

Notes

Filters by system ID

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

Filters by constants

Attribute	Operator	Constant
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Order by

Attribute	Direction
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Reposition

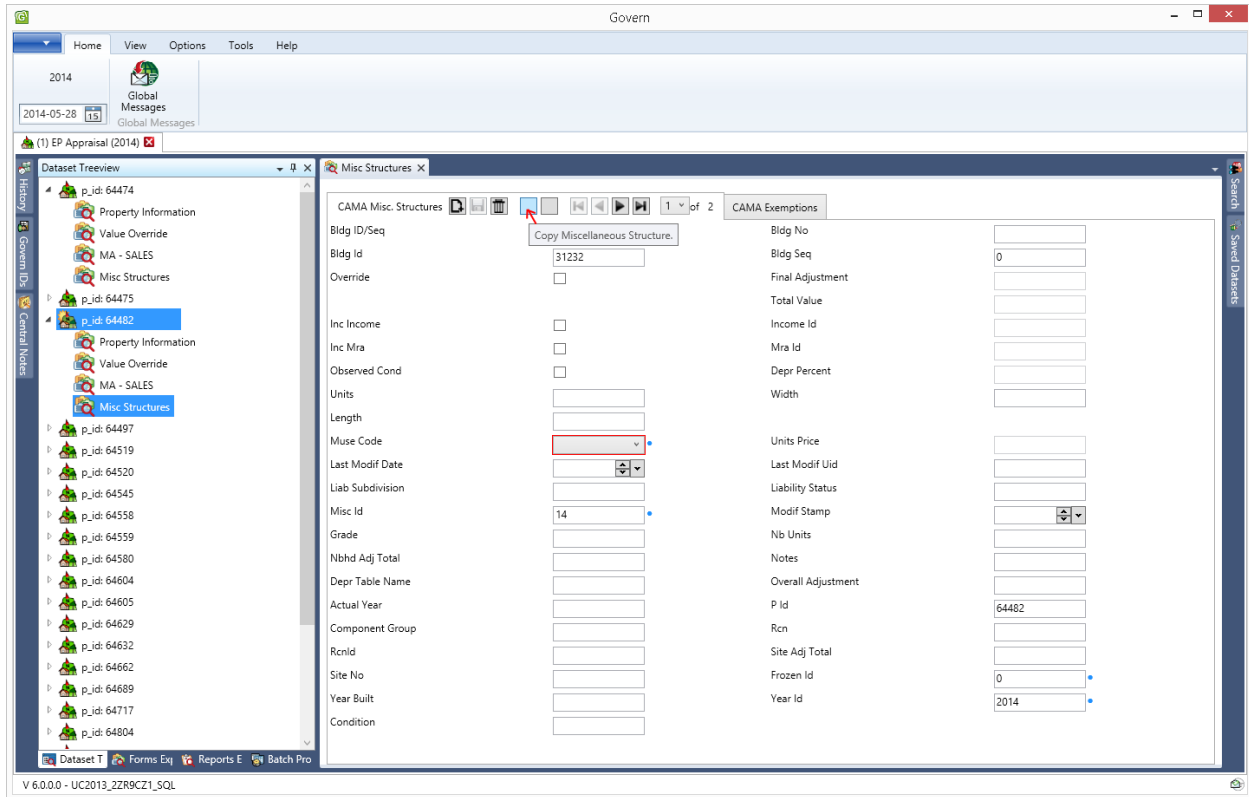
Attribute	System ID
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ID setters

Attribute	System ID
Misc Id	miscellaneous id

OK

Cancel



The screenshot shows the MSGovern application window titled 'Govern'. The interface includes a menu bar (Home, View, Options, Tools, Help) and a sidebar with a 'Dataset Treeview' showing a list of property IDs (p_id) and their associated structures. The main area displays the 'Misc Structures' form for 'CAMA Misc. Structures'. The form is divided into two columns: 'CAMA Misc. Structures' and 'CAMA Exemptions'. The 'CAMA Misc. Structures' column contains fields for Bldg ID/Seq, Bldg Id, Override, Inc Income, Inc Mra, Observed Cond, Units, Length, Muse Code, Last Modif Date, Liab Subdivision, Misc Id, Grade, Nbhd Adj Total, Depr Table Name, Actual Year, Component Group, Rcnld, Site No, Year Built, and Condition. The 'CAMA Exemptions' column contains fields for Bldg No, Bldg Seq, Final Adjustment, Total Value, Income Id, Mra Id, Depr Percent, Width, Units Price, Last Modif Uid, Liability Status, Modif Stamp, Nb Units, Notes, Overall Adjustment, P Id, Rcn, Site Adj Total, Frozen Id, and Year Id. The 'Muse Code' field is highlighted with a red box. The 'Year Id' field is set to 2014. The status bar at the bottom indicates 'V 6.0.0.0 - UC2013_2ZR9CZ1_SQL'.

Query

Expressions

IET

Mobile

Security

Scenario

- Check the functionalities and test all combinations