

STD002 - Workflow

Workflow in MSGovern V6

Release 6.0 Version 1

Last Revision Update: 2014/06/12

Version History

Version	Date	Modify By	Description
1.0	2014/06/12	Eric Plante	Create document
1.1	2015/04/27	Eric Plante	Filter on Category

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Summary

This document tells how to set up the workflow in Govern and what the functionalities are.

Description

The workflow allows to set which activities to performe in steps. It depends on a type and some added fields to fill

Classes

WorkflowType_Control (CustonControl)

- Fill the combobox with rows from PM_Type that fills WorkflowTypeKey object which requires KEY_TYPE, ENTRY_KEY_TYPE and <workflow type>_TYPE attributes
 - o When selecting an item, fill the corresponding attributes.
 - o The name of the workflow type attribute is based on what the user gives for type (co, of, ...) that got _TYPE added to.
- Use a property to allow the user to select the workflow type from an enum

WorkflowAddedFields_Control

- Monitor KEY_TYPE, ENTRY_KEY_TYPE and <workflow type>_TYPE attributes and load the added fields accordingly.

Workflow_Controller

Database

PM_LK_MASTER linked to PM_Complaint.

USR_LK_PM_FORM (must match fpc19w for the department)

PM_TYPE

VT_USER

Example of the query that feeds the combobox

```
SELECT usr_lk_pm_form.form_name,  
vt_user.*,  
pm_type.no_multiple,  
pm_type.entry_key_type,  
pm_type.category  
FROM pm_type  
JOIN usr_lk_pm_form ON (pm_type.pm_type = usr_lk_pm_form.pm_type  
AND pm_type.dept_id = usr_lk_pm_form.dept)  
JOIN vt_user ON (vt_user.code=pm_type.pm_type  
AND vt_user.dept=pm_type.dept_id )  
WHERE vt_user.table_name='COTYPE'  
AND pm_type.key_type='co'  
AND usr_lk_pm_form.form_name='fpc19w'  
AND pm_type.entry_key_type is not NULL  
AND pm_type.dept_id = '16'  
AND pm_type.entry_key_type = 'P_ID'  
ORDER BY vt_user.code
```

Functionalities

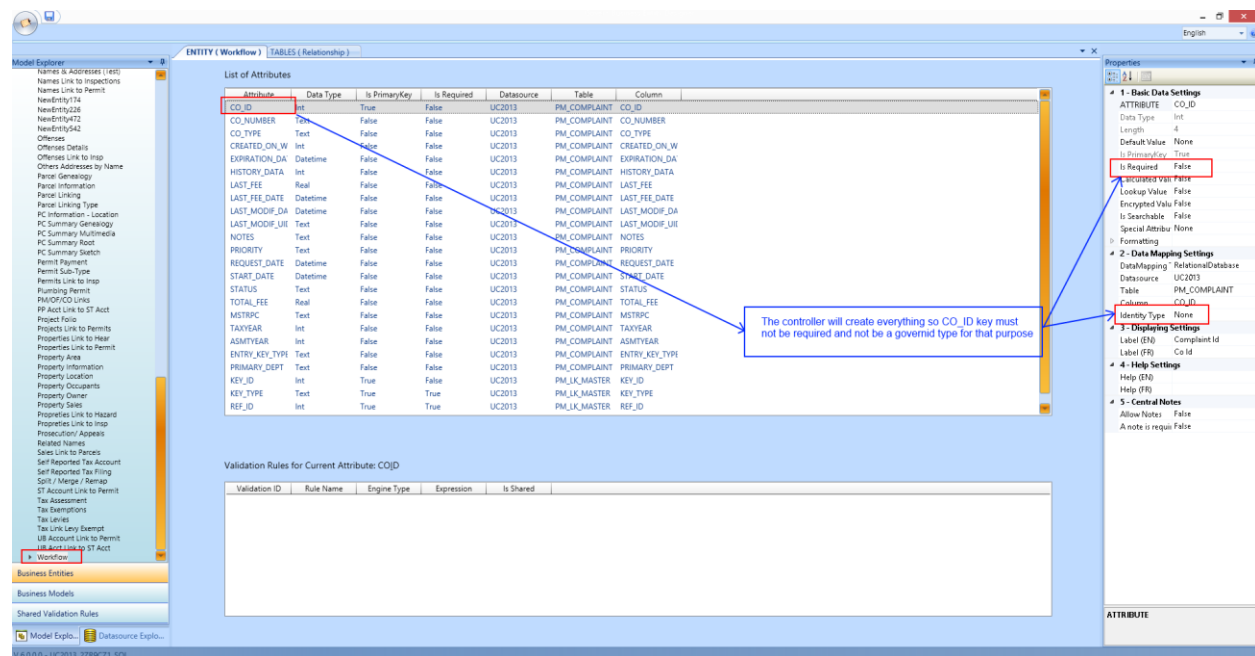
Choose a workflow Type
Show the added fields based on the selected workflow type
After creation, Initiate the first activity
Create, update, save and delete workflows.
Override fees when updating a workflow

During creation and deletion:

- A report can be loaded
- Multimedia documents can be created
- Inspections can be overridden
- Ar and GI accounts can be overridden (Also during fee override)
- Link to name can be overridden
- Email user information can be overridden (Creation only)

Configuration

BED



ENTITY (Workflow) | TABLES (Relationship)

List of Attributes

Attribute	Data Type	Is PrimaryKey	Is Required	Datasource	Table	Column
CO_ID	Int	True	False	UC2013	PM_COMPLAINT	CO_ID
CO_NUMBER	Text	False	False	UC2013	PM_COMPLAINT	CO_NUMBER
CO_TYPE	Text	False	False	UC2013	PM_COMPLAINT	CO_TYPE
CREATED_ON_W	Int	False	False	UC2013	PM_COMPLAINT	CREATED_ON_W
EXPIRATION_DA	Datetime	False	False	UC2013	PM_COMPLAINT	EXPIRATION_DA
HISTORY_DATA	Int	False	False	UC2013	PM_COMPLAINT	HISTORY_DATA
LAST_FEE	Real	False	False	UC2013	PM_COMPLAINT	LAST_FEE
LAST_FEE_DATE	Datetime	False	False	UC2013	PM_COMPLAINT	LAST_FEE_DATE
LAST_MODIF_DA	Datetime	False	False	UC2013	PM_COMPLAINT	LAST_MODIF_DA
LAST_MODIF_UI	Text	False	False	UC2013	PM_COMPLAINT	LAST_MODIF_UI
NOTES	Text	False	False	UC2013	PM_COMPLAINT	NOTES
PRIORITY	Text	False	False	UC2013	PM_COMPLAINT	PRIORITY
REQUEST_DATE	Datetime	False	False	UC2013	PM_COMPLAINT	REQUEST_DATE
START_DATE	Datetime	False	False	UC2013	PM_COMPLAINT	START_DATE
STATUS	Text	False	False	UC2013	PM_COMPLAINT	STATUS
TOTAL_FEE	Real	False	False	UC2013	PM_COMPLAINT	TOTAL_FEE
MSTRPC	Text	False	False	UC2013	PM_COMPLAINT	MSTRPC
TAXYEAR	Int	False	False	UC2013	PM_COMPLAINT	TAXYEAR
ASMTYEAR	Int	False	False	UC2013	PM_COMPLAINT	ASMTYEAR
ENTRY_KEY_TYPE	Text	False	False	UC2013	PM_COMPLAINT	ENTRY_KEY_TYPE
PRIMARY_DEPT	Text	False	False	UC2013	PM_COMPLAINT	PRIMARY_DEPT
KEY_ID	Int	True	False	UC2013	PM_LK_MASTER	KEY_ID
KEY_TYPE	Text	True	True	UC2013	PM_LK_MASTER	KEY_TYPE
REF_ID	Int	True	True	UC2013	PM_LK_MASTER	REF_ID

Validation Rules for Current Attribute: COID

Validation ID	Rule Name	Engine Type	Expression	Is Shared
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Properties

1 - Basic Data Settings

Attribute: CO_ID

Data Type: Int

Length: 4

Default Value: None

Is PrimaryKey: True

Is Required: False

Is Governed: False

Lookup Value: False

Encrypted Value: False

Is Searchable: False

Special Attribute: None

2 - Data Mapping Settings

DataMapping: RelationsDatabase

Datasource: UC2013

Table: PM_COMPLAINT

Column: CO_ID

3 - Displaying Settings

Identity Type: None

Label (EN): Complaint Id

Label (FR): Co Id

4 - Help Settings

Help (EN):

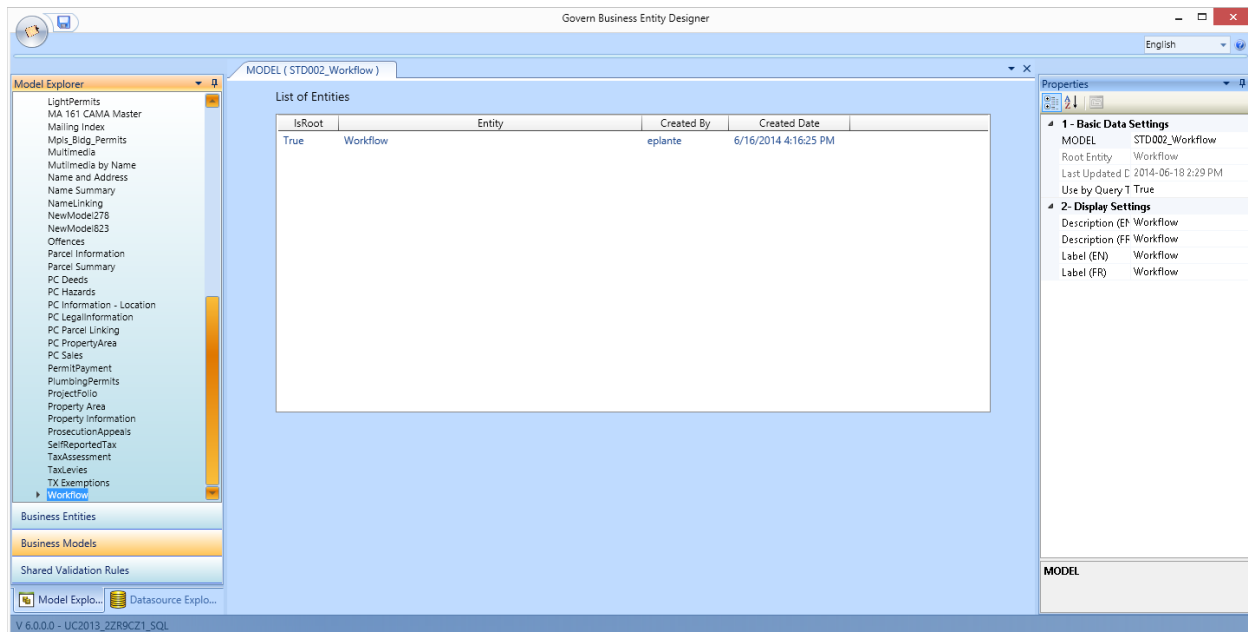
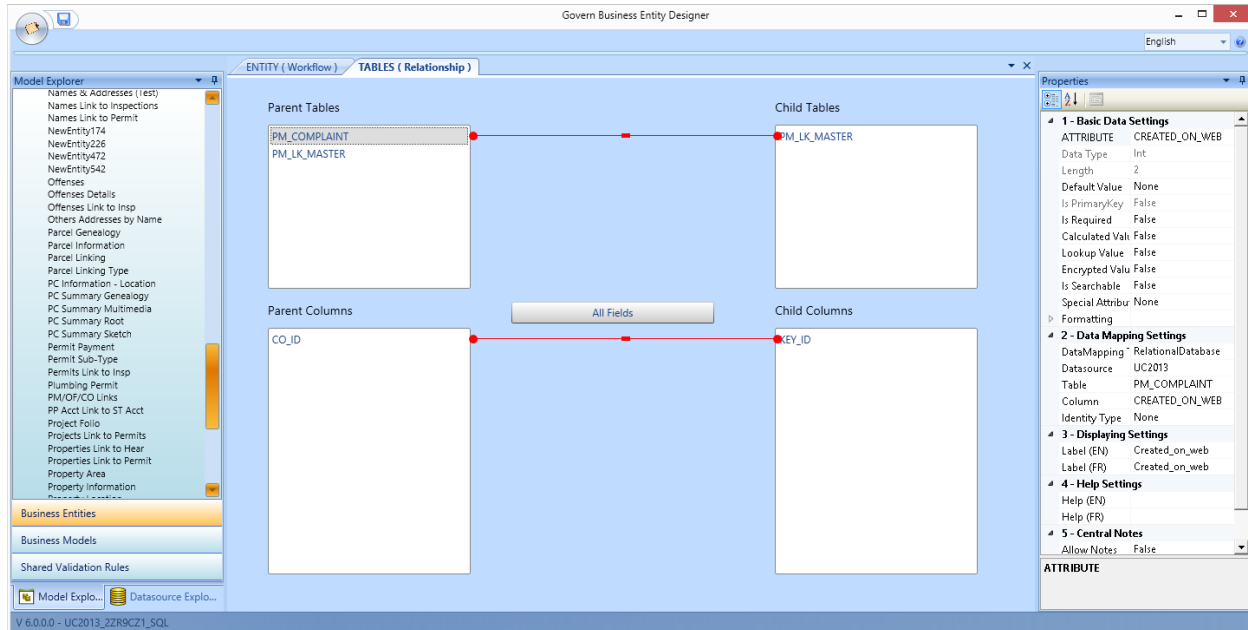
Help (FR):

5 - Control Notes

Allow Notes: False

A note is required: False

ATTRIBUTE



OFD

Open Forms Designer

Workflow (Root)

Forms code is STD002

Workflow

Workflow Type	WorkflowTypeControl	Assessment Year	Assessment Year
Complaint M	Complaint M	Complaint Number	Complaint Number
Complaint Type	Complaint Type	Created_Lm_web	Created_Lm_web
Entry Key/Type	Entry Key/Type	Expiration Date	Expiration Date
History Date	History Date	Key id	Key id
Key Type	Key Type	Last Fee	Last Fee
Last Fee Date	Last Fee Date	Last Modification Date	Last Modification Date
Master Parcel	Master Parcel	Modified By	Modified By
Notes	Notes	Primary Department	Primary Department
Priority	Priority	Ref id	Ref id
Ref Type	Ref Type	Request Date	Request Date
Start Date	Start Date	Status	Status
Tax Year	Tax Year	Total Fee	Total Fee

Workflow

Entity tab item

Controller

MyGovOpenFormsCustomControls.dll
Workflow_Controller

Controller properties

Default

Element id

5c07e422-6420-4279-8725-4b7d43d4a2b

Min

Allow delete

Allow insert

Allow view

Configuration

Click to edit

Name

Workflow

Record description

Tab sequence number

Workflow

Test

Y46666 - UC2013_229K21_SQL

Entity configuration

Attributes

Category
Complaint Id
Create on the Web
Entry Key Type
Expiration Date
Expiration Date Calculated
Historical
Key Type
Last Fee
Last Fee Date
Last Modification Date
Modified By
Notes & Comments
Primary Department
Priority
Reference ID
Reference Number
Reference Type
Start Date
Status
Total Fee
Type
Workflow Date

Filters by system ID

Attribute	System ID	
Reference ID	parcel id	
Primary Department	department	

Filters by constants

Attribute	Operator	Constant
Reference Type	equal to	P_ID
Key Type	equal to	co
Category	equal to	CAT1

Order by

Attribute	Direction	
Complaint Id	Descending	

Reposition

Attribute	System ID	
Complaint Id	complaint id	

ID setters

Attribute	System ID	
Complaint Id	complaint id	

The category is optional, it serves as a filter to WorkflowType

The workflow was made for parcels but you can use any id

OK

Cancel

Open Forms Designer

Entities: Workflow (Root)

Workflow by Parcel

Workflow

Tab

WorkflowAddedFieldsControl

Controls:

- Label
- Link
- Action button
- Custom control
- Row or column
- Grid
- Groupbox
- Tab item
- Custom entity

Properties: Custom control

Search

Debug

Element id: 492b56c4-d10f-4878-9e42-d6dff0b64d1a

Layout

Height

Horizontal alignment: Stretch

Vertical alignment: Stretch

Width

Misc

Action: MsGovern.OpenForms.CustomControls.dll WorkflowAddedFields_Control

Is enabled

Is visible

Name: WorkflowAddedFields_Control

V 6.0.0.0 - UC2013_2ZR9CZ1_SQL

Open Forms Designer

Entities: Workflow (Root)

Workflow by Parcel

Workflow

Activities

Tab

WorkflowTypeControl

Workflow Type

Assessment Year

Assessment Year

Complaint Id

Complaint Number

Complaint Number

Complaint Type

Created_on_web

Created_on_web

Entry KeyType

Expiration Date

Expiration Date

History Data

Key id

Key id

Key Type

Last Fee

Last Fee

Last Fee Date

Last Modification Date

Last Modification Date

Master Parcel

Modified By

Modified By

Notes

Primary Department

Primary Department

Priority

Ref Id

Ref Id

Ref Type

Request Date

Request Date

Start Date

Status

Status

Controls:

- Label
- Link
- Action button
- Custom control

Properties: Custom control

Search

Debug

Element id: 02efb55d-1987-4fa5-8f90-54b2219a0bf0

Layout

Height

Horizontal alignment: Left

Vertical alignment: Top

Width: 120

Misc

Action: MsGovern.OpenForms.CustomControls.dll WorkflowType_Control

Is enabled

Is visible

Name: WorkflowType_Control

GNA

Govern New Administration (GNA)

File Options System Parameters Application Configurations Editors Utilities Windows Help

Profile Editor Global Mask Validation Editor Constant Value Editor SQL Query Editor Formula Editor Logical Expression Block Editor External Command Editor Number Format Editor System Validation Table Editor User Validation Table Editor Data Mapping Editor Resource File Editor Batch Process Definition Editor

Dynamic Search Objects
Dynamic Search Styles
Dynamic Search Groups
Dynamic Search Configuration

Profile Editor X

List of Profiles

- Appraisal - Appraisal
- DAC - Delinquency & Collections
- EP Appraisal - EP Appraisal**
- Names - Names & Address
- PC2013 - Property Control
- UC2013 - User Conference
- UC2013-Cyril - Cyril UC2013

Profile 3 Of 7

Properties Links Queries

Forms

- MA14 - Property Information
- MA21 - Value Override
- MA014 - MA - SALES
- MA20 - Misc Structures
- MA071 - MA071_Info_Area_Legal
- MA019 - CAMA Audit
- STD002 - Workflow by Parcel**

Add Remove

Reports

Add Remove

A/R Subsystems

Add Remove

Batch Processes

Add Remove

External Commands

Add Remove

V 6.0.1403.22 - UC2013_2ZR9CZ1_SQL

IET

Not applicable

Mobile

Not applicable

Security

Not applicable

Scenario