

Form Builder 4.0.4 Iteration 3 User Acceptance Testing (UAT)

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Presented to caDSR Curation Team
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Agenda (1)

- Product and Release Overview
 - Form Builder Overview
 - Form Builder 4.0.4 Release Features
 - Form Builder Iteration 1: New Form Cart Structure
 - Form Builder Iteration 2: New Form Cart Content
 - Form Builder Iteration 3: User Interface (UI) Changes
- UAT Overview
 - Form Builder 4.0.4 Iteration 3 UAT Goals
 - Form Builder 4.0.4 Iteration 3 UAT Instructions
 - Form Builder 4.0.4 Iteration 3 UAT Activities

Agenda (2)

- **Product and Release Overview**
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 - Form Builder 4.0.4 Iteration 3 UAT Activities

Form Builder Overview

- Form Builder is a caDSR Tool that allows users to create form structures from caDSR Common Data Element (CDE) metadata
- Form Builder allows logged in users to create/edit, browse/view, copy, download (in XML and MS Excel), and classify forms
- Supports browsing forms using the Form Builder *caDSR Context Tree* or *Search Template* and setting alerts to monitor forms for changes
- Users can place forms in user carts so that they can be accessed (XML format) via the caDSR Object Cart API or Object Cart Domain Class Browser



<https://formbuilder.nci.nih.gov/FormBuilder/>

Form Builder Key Capabilities

Form

Module

Questions

CDEs

- Access the CDE shopping cart
- Create Modules containing Questions from CDEs in the cart
- Define the order of the modules and questions
- Define repeating modules (groups of questions)
- Define skip patterns between questions based on responses
- Define default values for questions
- Define whether or not the default value can be edited
- Define whether a question is optional or mandatory
- Define an instruction for Value, Question, Module or Form
- Select from existing Preferred or Alternate question text to be used for the Question
- Refine the a subset of the CDE Value Domain enumeration for use on the Form
- Publish a Form in a Context's Form Catalog
- Subscribe to Sentinel Reports that are triggered by changes to CDEs on the Form
- Classify the Form and optionally its CDEs in one or more caDSR Classification Schemes
- Save the Form to the user's Form Cart that is accessible via the caDSR Object Cart API
- Download the Form to MS Excel
- View / print from a printer friendly version of form description
- Attach reference documents to the form

Form Builder 4.0.4 Release Features

1. Provide support for a new form cart XML structure (formCartv2) for use by the caDSR Object Cart API ([GF32145](#))
 - Simplified XML structure
 - Additional fields added in support of retrieval essential CDE and Value Domain information via the Object Cart API
 - Customers of the Object Cart API should no longer have to issue additional calls to caDSR Domain API to get additional information
2. Maintain the current form cart (formCart) format for existing caDSR Object Cart API users ([GF32429](#))
 - Both the current form cart and the new form cart will be maintained
3. Provide ability to download XML format from Form Builder user interface ([GF28425](#))
 - XML format from Cart and Form Builder results in the same format as the Object Cart API
4. Modify the User Interface to allow adding to the cart before saving ([GF32812](#))
 - Provides performance work around cart changes before saving the cart
5. Support for changing name from “caBIG” to “NCIP” Context ([GF32840](#))

Form Builder 4.0.4 Iterations

- **Iteration 1: New Form Cart Structure**
 - Focused on the design and development of the new form cart structure
- **Iteration 2: New Form Cart Content**
 - Added new form and CDE content to the cart that is currently being retrieved via a separate caDSR Domain API call by end users such as Medidata / RAVE
 - Additional new cart content will be provided in a later release (some new fields will be 'null')
- **Iteration 3: User Interface (UI) Changes**
 - Provides performance work around allowing adding/removing forms from cart without saving the cart
 - Explicit user initiated “Save Cart” feature
 - Provides support for default context change from “caBIG” to “NCIP”

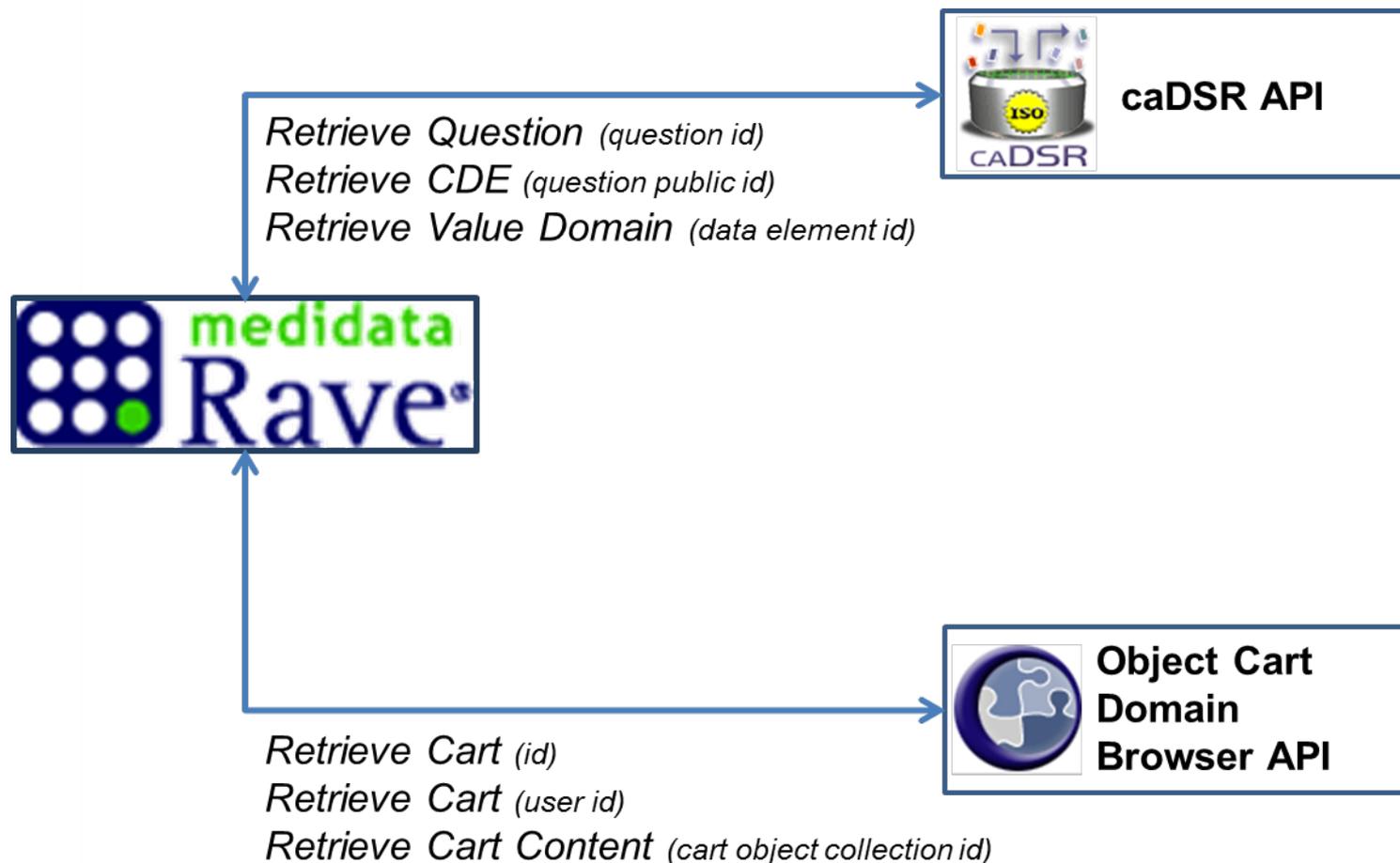
Iteration 1: Form Cart General Structure Changes

- Renamed elements to clarify meaning and align with caDSR Domain API
- Removed unnecessary "idseq" elements
- Changed all dates from xs:string to xs:dateTime for dateCreated and dateModified
- Added designation/classification wherever designations are included in an element
 - Designations is the element containing "Alternate Name"
- Changed attributes to elements (e.g. @public-id to <publicID>)
- Added fields to provide enough information about CDEs so additional calls to caDSR Domain API would not be necessary

Iteration 1: Form Cart Structure Change Highlights

- **New Question Elements:**
 - question/multiValue for elements where multiple values are permitted in the response
 - Based on Question Instruction text including "report all", "check all", "include all", "select all", "choose all", "enter all", "mark all"
 - This new attribute will not be visible in the Form Builder UI
- **New Data Element Elements:**
 - dataElement/shortName
 - dataElement/designation
 - dataElement/cdeBrowserLink – a URL that opens a web browser to the CDE details in the caDSR CDE Browser
 - dataElement/dataElementDerivation and sub-elements
- **New Value Domain Elements:**
 - valueDomain/shortName
 - valueDomain/type, values are Enumerated | NonEnumerated
 - valueDomain/valueDomainConcept for parent Value Domain concept
 - valueDomain/nciTermBrowserL- a URL for parent Value Domain concept to open a web browser to the concept details in the NCI Term Browser
 - valueMeaning/designation

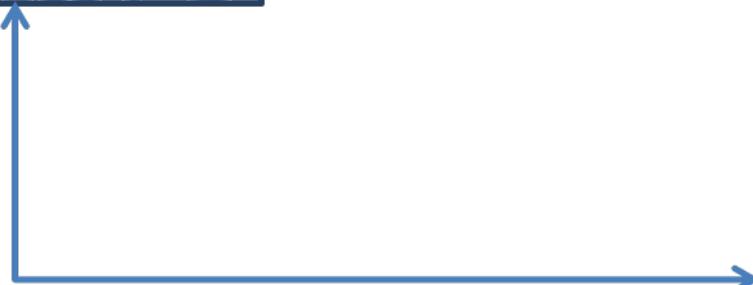
Current Medidata / RAVE Form Builder 4.0.3 Usage



New Medidata / RAVE Form Builder 4.0.4 Usage

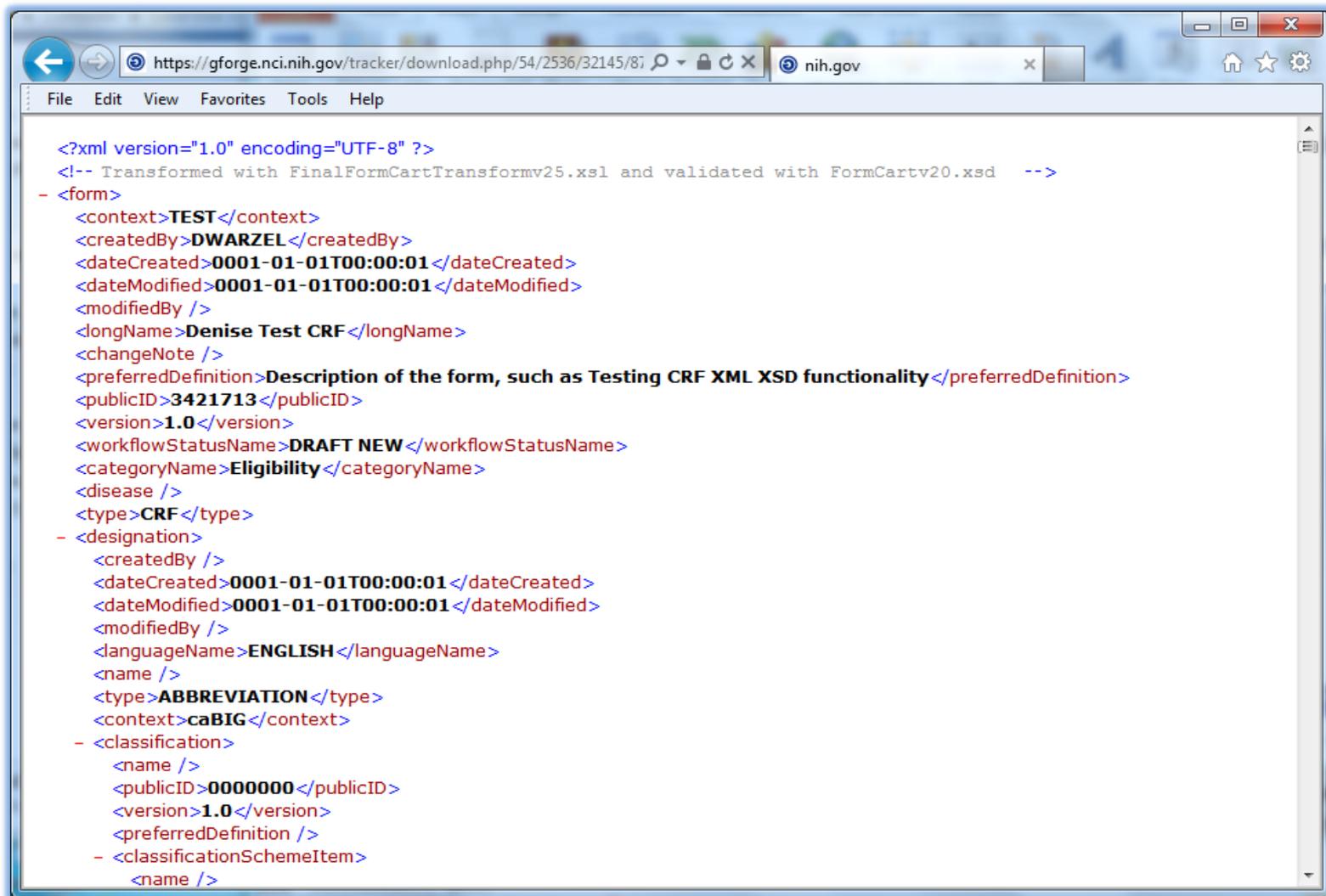


In Form CartV2, essential Question, CDE and Value Domain information is contained in the FormCart, a second set of calls using caDSR API is not needed.



- Retrieve Cart (id)*
- Retrieve Cart (user id)*
- Retrieve Cart Content (cart object collection id)*

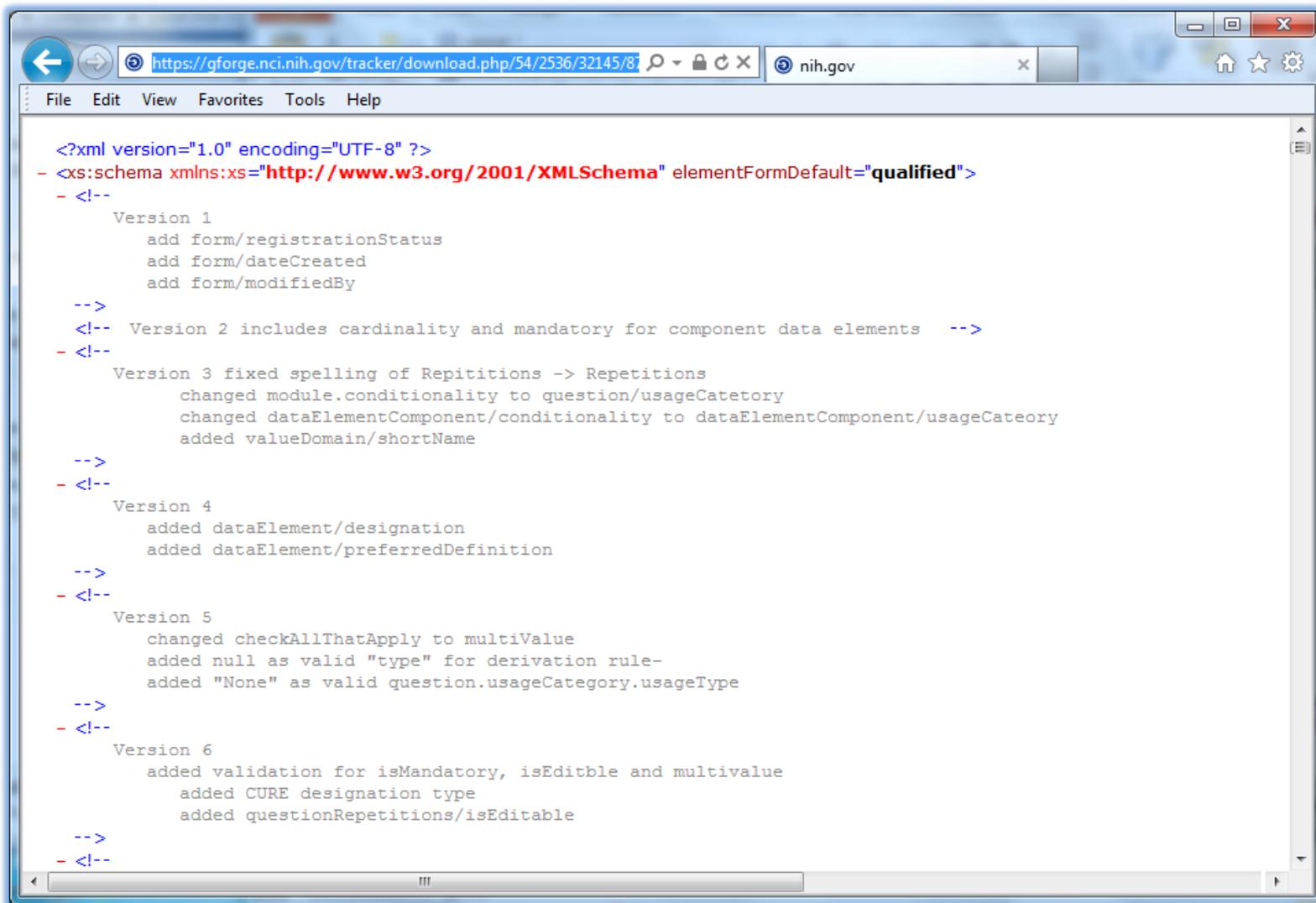
Form Builder 4.0.4 New Cart Format



```
<?xml version="1.0" encoding="UTF-8" ?>
<!-- Transformed with FinalFormCartTransformv25.xsl and validated with FormCartv20.xsd -->
- <form>
  <context>TEST</context>
  <createdBy>DWARZEL</createdBy>
  <dateCreated>0001-01-01T00:00:01</dateCreated>
  <dateModified>0001-01-01T00:00:01</dateModified>
  <modifiedBy />
  <longName>Denise Test CRF</longName>
  <changeNote />
  <preferredDefinition>Description of the form, such as Testing CRF XML XSD functionality</preferredDefinition>
  <publicID>3421713</publicID>
  <version>1.0</version>
  <workflowStatusName>DRAFT NEW</workflowStatusName>
  <categoryName>Eligibility</categoryName>
  <disease />
  <type>CRF</type>
- <designation>
  <createdBy />
  <dateCreated>0001-01-01T00:00:01</dateCreated>
  <dateModified>0001-01-01T00:00:01</dateModified>
  <modifiedBy />
  <languageName>ENGLISH</languageName>
  <name />
  <type>ABBREVIATION</type>
  <context>caBIG</context>
- <classification>
  <name />
  <publicID>0000000</publicID>
  <version>1.0</version>
  <preferredDefinition />
  - <classificationSchemeItem>
    <name />
```

<https://gforge.nci.nih.gov/tracker/download.php/54/2536/32145/8796/CurrentFormCartTransformedofDeniseTestCRFv2-March-15-2013xslv26xsdv21.xml>

Form Builder 4.0.4 New Form Cart Schema (XSD)



```
<?xml version="1.0" encoding="UTF-8" ?>
- <xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified">
- <!--
  Version 1
    add form/registrationStatus
    add form/dateCreated
    add form/modifiedBy
  -->
- <!-- Version 2 includes cardinality and mandatory for component data elements -->
- <!--
  Version 3 fixed spelling of Repititions -> Repetitions
    changed module.conditionality to question/usageCategory
    changed dataElementComponent/conditionality to dataElementComponent/usageCategory
    added valueDomain/shortName
  -->
- <!--
  Version 4
    added dataElement/designation
    added dataElement/preferredDefinition
  -->
- <!--
  Version 5
    changed checkAllThatApply to multiValue
    added null as valid "type" for derivation rule-
    added "None" as valid question.usageCategory.usageType
  -->
- <!--
  Version 6
    added validation for isMandatory, isEditable and multivalue
    added CURE designation type
    added questionRepetitions/isEditable
  -->
- <!--
```

<https://gforge.nci.nih.gov/tracker/download.php/54/2536/32145/8795/FormCartv21.xsd>

Iteration 2: Form Cart Content Changes

Form Element (XPath)

dateCreated
 form/contactCommunication
 form/contactCommunication/person
 form/contactCommunication/person/firstName
 form/contactCommunication/person/lastName
 form/contactCommunication/person/position
 form/contactCommunication/rank
 form/contactCommunication/type
 form/contactCommunication/value
 modifiedBy

module/question/dataElement/cdeBrowserLink
 module/question/dataElement/shortName

module/question/dataElement/valueDomain/permissions
 module/question/dataElement/valueDomain/permissions
 module/question/dataElement/valueDomain/permissions
 Meaning/longName

module/question/dataElement/valueDomain/type

module/question/multiValue
 module/question/publicID
 module/question/questionRepetitions/defaultValidValue
 module/question/questionRepetitions/isEditable
 module/question/version
 module/usageCategory

caDSR API Attribute (Class Path)

Form/dateCreated

```

<?xml version="1.0" encoding="UTF-8" ?>
<!-- Transformed with FinalFormCartTransformv25.xsl and validated with FormCartv20.xsd -->
- <form>
  <context>TEST</context>
  <createdBy>DWARZEL</createdBy>
  <dateCreated>0001-01-01T00:00:01</dateCreated>
  <dateModified>0001-01-01T00:00:01</dateModified>
  <modifiedBy />
  <longName>Denise Test CRF</longName>
  <changeNote />
  <preferredDefinition>Description of the form, such as Testing CRF XML XSD functionality</preferredDefinition>
  <publicID>3421713</publicID>
  <version>1.0</version>
  <workflowStatusName>DRAFT NEW</workflowStatusName>
  <categoryName>Eligibility</categoryName>
  <disease />
  <type>CRF</type>
+ <designation>
+ <definition>
+ <headerInstruction>
+ <footerInstruction>
- <module>
  <displayOrder>0</displayOrder>
  <maximumModuleRepeat>3</maximumModuleRepeat>
  <createdBy />
  <dateCreated>0001-01-01T00:00:01</dateCreated>
  <dateModified>0001-01-01T00:00:01</dateModified>
  <modifiedBy />
  <longName>New Module of CEMs</longName>
+ <instruction>
  <preferredDefinition>New Module of CEMs</preferredDefinition>
  <publicID>3563696</publicID>
  <version>1.0</version>
+ <usageCategory>
- <question>
  <publicID>0000000</publicID>
  <version>1.0</version>
  
```

Iteration 3: UI Enhancements

- [GF32812](#)
 - Performance enhancements when adding forms to the cart
- [GF32841](#)
 - Add ability to Save form on the front screen
 - Message change to “Form Cart items queued for saving” when adding forms to the cart
 - Message added to indicate number of items to be saved
- [GF32840](#)
 - Change the default context from caBIG to NCIP
- [GF32430](#)
 - Help link points to the Wiki <https://wiki.nci.nih.gov/x/TgvRB>

Modify Cart Prior to Saving

Prior release (4.0.3) saved to cart for any cart modification resulting in performance inefficiencies. New release allows users to modify the cart prior to saving.

Note: Displays Forms in the cart. Checking the checkbox under Delete column and clicking Delete button will delete the Form from the cart. More Forms can be added to the cart by clicking Add More Forms button.

Save	Delete	Action	Long Name	Context	Type	Protocol Long Name(s)	Workflow Status	Public Id	Version
<input type="checkbox"/>	<input type="checkbox"/>		Pathology Report Shuttle (PRS)	CTEP	CRF	Z0280	RELEASED	2074572	3.0
<input type="checkbox"/>	<input type="checkbox"/>		Pathology Form (F)	CTEP	CRF	GOG-0261 GOG-0258	RELEASED	2843620	1.0
<input type="checkbox"/>	<input type="checkbox"/>		Pathology Form_GOG-0212_Form F	CTEP	CRF	GOG-0212	RELEASED	2296111	3.0
<input type="checkbox"/>	<input type="checkbox"/>		Pathology Form (Form 24-P)	CTEP	CRF	IBCSG-24-02	RELEASED	2074955	3.0
<input type="checkbox"/>	<input type="checkbox"/>		PATHOLOGY REPORT	SPOREs	CRF	Ilprost	APPRVD FOR TRIAL USE	2171910	3.0
<input type="checkbox"/>	<input type="checkbox"/>		Pathology - Reports Form	CTEP	CRF	ACOSOG-Z1031	RELEASED	2427204	1.0
<input type="checkbox"/>	<input type="checkbox"/>		PATHOLOGY SUBMISSION REPORT	CTEP	CRF	NCIC MA.27	RELEASED	2059549	3.0
<input type="checkbox"/>	<input type="checkbox"/>		Pathology Form_GOG-0209_Form F	CTEP	CRF	GOG-0209	RELEASED	2077159	3.0
<input type="checkbox"/>	<input type="checkbox"/>		Pathology Form_Form F_GOG-0219	CTEP	CRF	GOG-0219	RELEASED	2302165	3.0
<input type="checkbox"/>	<input type="checkbox"/>		Pathology Submission Report	CTEP	CRF	NCIC BR.19	RELEASED	2034358	3.0

Total items in cart: 10

Buttons: Delete, Save, Done, Add More Forms

Save to Cart from Search Results

The screenshot shows the National Cancer Institute FormBuilder interface. The search results table is as follows:

Action	Long Name	Context	Type	Protocol Long Name(s)	Workflow Status	Public ID	Version
<input checked="" type="checkbox"/>	Pathology - Reports Form	CTEP	CRF	ACOSOG-Z1031	RELEASED	2427204	1.0
<input checked="" type="checkbox"/>	Pathology Form (F)	CTEP	CRF	GOG-0261 GOG-0258	RELEASED	2843620	1.0
<input checked="" type="checkbox"/>	Pathology Form (Form 24-P)	CTEP	CRF	IBCSG-24-02	RELEASED	2074955	3.0
<input checked="" type="checkbox"/>	Pathology Form, Form F, GOG-0219	CTEP	CRF	GOG-0219	RELEASED	2302165	3.0

The 'Save' button in the 'Add to Form Cart' column of the first row is circled in red.

Default Context Change

Default context is now “NCIP”

The screenshot shows the National Cancer Institute Form Builder interface. The left sidebar contains a tree view of contexts, with 'NCIP (NCI Cancer Informatics Program)' highlighted in red. The main content area shows a search for forms with the criteria 'blood*' and 2 matches. The search results table includes columns for Form Long Name, Public ID, Version, Protocol Long Name, CS/CSI, Module, CDE Public ID, Workflow, Context, Category, and Type.

Form Long Name	Public ID	Version	Protocol Long Name	CS/CSI	Module	CDE Public ID	Workflow	Context	Category	Type
blood*		Latest Version					ALL	ALL	ALL	ALL

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Form Builder 4.0.4 UAT Goals

- Verify Form Builder 4.0.4 Iteration 3 features
 - Verify users can add to the cart prior to saving
 - Verify ability to save to the cart from the search results page
 - **Verify change from “caBIG” to “NCIP” on Form Builder**
- Verify Form Builder 4.0.4 Iteration 1 and 2 features from prior UAT activities
 - Form Builder users form cart should contain the forms that were in the cart before 4.0.4 deployment
 - User form cart can be edited (add forms, delete forms, update forms (re-add)), results are saved
 - XML download feature works, downloads the correct form in the new XML structure
 - Verify Iteration 2 form cart content changes

Form Builder 4.0.4 Iteration 3 UAT Instructions

- Review overview presentation
- Perform suggested activities during the UAT period
- Report UAT results at the end of the UAT period
- Results will be compiled and submitted to the Form Builder tracking system
- Feedback will be prioritized for inclusion in current or future releases

UAT Activity	UAT Schedule
Form Builder 4.0.4 Iteration 3 Overview sent to UAT Team	8/23/2013
UAT Team Performs Iteration 3 UAT Testing on the Form Builder 4.0.4 QA Tier	8/26/2013 – 8/27/2013
UAT Team Sends caDSR Team UAT Testing Feedback	8/28/2013 COB

Suggested Iteration 3 UAT Activities for caDSR Form Builder Users ...

Verify UI Performance Enhancements when Adding Forms to the Cart

1. Go to Form Builder 4.0.4 on the QA tier: <http://ncias-q861-v.nci.nih.gov:29280/FormBuilder/>. Search for forms.
2. Select 10 forms and click *Add to Form Cart* button
3. Verify message: “x forms queued for saving. Use save button or go to Form Cart to save.”
4. Record adding time
5. Go to Form Builder 4.0.3 PROD tier: <https://formbuilder.nci.nih.gov/FormBuilder/>
6. Search the same forms as QA
7. Select the same forms as QA
8. Click *Add to Form Cart* button
9. Record add time
10. Compare the result

Search and Add to Form Cart

Search for Forms 10 Matches [Search preferences](#)

Form Long Name:

Public ID:

Version: Latest Version All Versions

Protocol Long Name: [Clear](#)

CS/CSI: [Clear](#)

Module:

CDE Public ID:

Workflow: ALL

Context: ALL

Category: ALL

Type: ALL

[Search](#) [Reset](#) [New Search](#)

[Create New Form/Template](#)

Search Results [Module Cart](#)

Sort order: Long Name [Ascending]

[Add to Form Cart](#) [Save](#)

Action	Long Name	Context	Type	Protocol Long Name(s)	Workflow Status	Public ID	Version
<input checked="" type="checkbox"/>	Pathology - Reports Form	CTEP	CRF	ACOSOG-Z1031	RELEASED	2427204	1.0
<input checked="" type="checkbox"/>	Pathology Form (F)	CTEP	CRF	GOG-0261	RELEASED	2843620	1.0
<input checked="" type="checkbox"/>	Pathology Form (Form 24-P)	CTEP	CRF	IBCSG-24-02	RELEASED	2074955	3.0
<input checked="" type="checkbox"/>	Pathology Form, Form F, GOG-0219	CTEP	CRF	GOG-0219	RELEASED	2302165	3.0
<input checked="" type="checkbox"/>	Pathology Form, GOG-0209, Form F	CTEP	CRF	GOG-0209	RELEASED	2077159	3.0

Verify UI Performance Enhancements when Modifying Forms Added to the Cart

1. Go to Form Builder 4.0.4 on the QA tier: <http://ncias-q861-v.nci.nih.gov:29280/FormBuilder/>. Search for forms.
2. Select forms and click *Add to Form Cart* button
3. Select to view form cart via the Form Cart icon (upper right screen)
4. Select forms to delete
5. Select to add more forms
6. Record adding time
7. Go to Form Builder 4.0.3 PROD tier: <https://formbuilder.nci.nih.gov/FormBuilder/>
8. Make the same modifications to the cart
9. Record add time
10. Compare the result

Delete and Add More Forms

The screenshot shows a web browser window with a table of forms in a cart. The table has columns for Action, Long name, Context, Type, Name(s), Workflow Status, Public ID, and Version. Below the table, there are buttons for 'Delete', 'Save', 'Done', and 'Add More Forms'. The 'Delete' and 'Add More Forms' buttons are circled in red.

Action	Long name	Context	Type	Name(s)	Workflow Status	Public ID	Version
<input checked="" type="checkbox"/>	Pathology Report Shuttle (PRS)	CTEP	CRF	Z0280	RELEASED	2074572	3.0
<input checked="" type="checkbox"/>	Pathology Form (F)	CTEP	CRF	GOG-0261 GOG-0258	RELEASED	2843620	1.0
<input checked="" type="checkbox"/>	Pathology Form, GOG-0212, Form F	CTEP	CRF	GOG-0212	RELEASED	2296111	3.0
<input checked="" type="checkbox"/>	History of AIDS Defining Diseases - RF03B	CTEP	CRF	AMC-040	RELEASED	2266635	3.0
<input checked="" type="checkbox"/>	Pathology Form (Form 24-P)	CTEP	CRF	IBCSG-24-02	RELEASED	2074955	3.0
<input checked="" type="checkbox"/>	PATHOLOGY REPORT	SPORES	CRF	lloprost	APPRVD FOR TRIAL USE	2171910	3.0
<input checked="" type="checkbox"/>	Histopathologic Evaluation (HE)	CTEP	CRF	Z0280	RELEASED	2073503	3.0
<input checked="" type="checkbox"/>	Pathology - Reports Form	CTEP	CRF	ACOSOG-Z1031	RELEASED	2427204	1.0
<input checked="" type="checkbox"/>	PATHOLOGY SUBMISSION REPORT	CTEP	CRF	NCIC MA.27	RELEASED	2059549	3.0
<input checked="" type="checkbox"/>	Pathology Form, GOG-0209, Form F	CTEP	CRF	GOG-0209	RELEASED	2077159	3.0
<input checked="" type="checkbox"/>	Pathology Form, Form F, GOG-0219	CTEP	CRF	GOG-0219	RELEASED	2302165	3.0
<input checked="" type="checkbox"/>	Pathology Submission Report	CTEP	CRF	NCIC BR.19	RELEASED	2034358	3.0

Total items in cart: 12

Buttons: Delete, Save, Done, Add More Forms

Save from the Search Results Page

1. Go to: <http://ncias-q861-v.nci.nih.gov:29280/FormBuilder/>
2. Search for forms
3. Select 10 forms and click Save button
4. Verify that forms have been saved to the cart

Search for Forms 10 Matches Search preferences

Form Long Name pathology*

Public ID Version Latest Version All Versions

Protocol Long Name Clear

C/S/CSI Clear

Module

CDE Public ID

Workflow ALL

Context ALL

Category ALL

Type ALL

Search Reset New Search

Create New Form/Template

Search Results Module Cart

Sort order: Long Name (Ascending)

Add to Cart Save

Action	Long Name	Context	Type	Protocol Long Name(s)	Workflow Status	Public ID	Version
<input checked="" type="checkbox"/>	Pathology - Reports Form	CTEP	CRF	ACOSOG-Z1031	RELEASED	2427204	1.0
<input checked="" type="checkbox"/>	Pathology Form (F)	CTEP	CRF	GOG-0261	RELEASED	2843620	1.0
<input checked="" type="checkbox"/>	Pathology Form (Form 24-P)	CTEP	CRF	IBCSG-24-02	RELEASED	2074955	3.0
<input checked="" type="checkbox"/>	Pathology Form Form F GOG-0219	CTEP	CRF	GOG-0219	RELEASED	2302165	3.0
<input checked="" type="checkbox"/>	Pathology Form GOG-0209 Form F	CTEP	CRF	GOG-0209	RELEASED	2077159	3.0

Verify Forms have been Saved to the Cart

1. Go to the Object Cart Domain Browser: <http://objcart-qa.nci.nih.gov/objcart10/ShowDynamicTree.action>
2. Search Cart based on your userID
3. Verify that the forms have been saved to the form collection

Retrieve User Form Cart from Domain Class Browser

Domain Class Browser

Please click on any of the tree nodes.

To view the search criteria for a class, expand a package listed below and select a class. To search for records, provide valid search criteria and click the Submit button. For any date attributes, please use the syntax: mm-dd-yyyy.

- Domain Packages
 - gov.nih.nci.objectCart.domain
 - Cart
 - CartObject

gov.nih.nci.objectCart.domain.Cart

creationDate:

expirationDate:

id:

lastReadDate:

lastWriteDate:

name:

userid:

Search Object:



Criteria: gov.nih.nci.objectCart.domain.Cart[@userid=dwarzel]
Result Class: gov.nih.nci.objectCart.domain.Cart

| 1-4 of 4 |

creationDate	expirationDate	id	lastReadDate	lastWriteDate	name	userid	cartObjectCollection
04-30-2010	-	1005196	05-01-2010	05-01-2010	testDeniseCart1	dwarzel	getCartObjectCollection
06-08-2010	-	1005327	11-20-2012	11-20-2012	cdsCart	DWARZEL	getCartObjectCollection
06-08-2010	-	1005328	11-20-2012	11-20-2012	formCart	DWARZEL	getCartObjectCollection
11-19-2012	-	1005458	11-20-2012	11-20-2012	formCartV2	DWARZEL	getCartObjectCollection

There should be one row for each form in the user Cart. This cart has 4 forms in it.



Criteria: Cart[@id=95791]
Result Class: gov.nih.nci.objectCart.domain.CartObject

gov.nih.nci.objectCart.domain.CartObject

```
<?xml version="1.0" encoding="UTF-8"?> <form-transfer-object checked="false" public-id="3421713" is-published="true"><instruction xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" display-order="0" public-id="0" is-p
<?xml version="1.0" encoding="UTF-8"?> <form-transfer-object checked="false" public-id="3625317" is-published="false"><context-name>TEST</context-name><modules xmlns:xsi="http://www.w3.org/2001/XMLSchema-instanc
<?xml version="1.0" encoding="UTF-8"?> <form-transfer-object checked="false" public-id="2725838" is-published="true"><instruction xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" display-order="1" public-id="0" is-p
<?xml version="1.0" encoding="UTF-8"?> <form-transfer-object checked="false" public-id="2674812" is-published="false"><form-category>Demographic</form-category><context-name>caBIG</context-name><modules xmlns:xx
```



Verify that the “NCIP” Context Replaced “caBIG”

Form Builder

U.S. National Institutes of Health | www.cancer.gov

Form Cart CDE Cart Home Help Logout

CDE Browser Admin Tool Curation Tool Sentinel Tool UML Model Browser NCI Metathesaurus NCI Terminology Server What's new

You are logged in as: GAHEENS

Form Search

Note: Enter/select search criteria and click search button to initiate search. The wildcard character is *. For additional information on how to use Form Builder, click the Help button above.

Search for Forms 2 Matches Search preferences

Form Long Name	histo*
Public ID	
Version	<input checked="" type="radio"/> Latest Version <input type="radio"/> All Versions
Protocol Long Name	<input type="text"/> Clear
CS/CSI	<input type="text"/> Clear
Module	<input type="text"/>
CDE Public ID	<input type="text"/>
Workflow	ALL
Context	ALL
Category	ALL
Type	ALL

Search Reset New Search

Create New Form/Template

Verify Download Feature from Iteration 1

New “Download” icon to download form in XML format

- Available from:
 - Form search results
 - Form cart
 - “View” form details (clicking on form name in search results)

Search Results Module Cart

Sort order: Long Name [Ascending]

Add to Form Cart 1 - 1 of 1

<input type="checkbox"/>	Action	Long Name	Context	Type	Protocol Long Name(s)	Workflow Status	Public ID	Version
<input type="checkbox"/>	    	Denise test protocol	TEST	CRF		DRAFT NEW	2438647	8.5

1 - 1 of 1

User: DWARZEL [Privacy Notice](#) Version 4.0.4 Build 1 Please send comments and suggestions to ncicb@pop.nci.nih.gov

API Users Only: Verify Form Structure and Content from Iteration 1 and 2

Form Element (XPath)

dateCreated
form/contactCommunication
form/contactCommunication/person
form/contactCommunication/person/firstName
form/contactCommunication/person/lastName
form/contactCommunication/person/position
form/contactCommunication/rank
form/contactCommunication/type
form/contactCommunication/value
modifiedBy

module/question/dataElement/cdeBrowserLink
module/question/dataElement/shortName

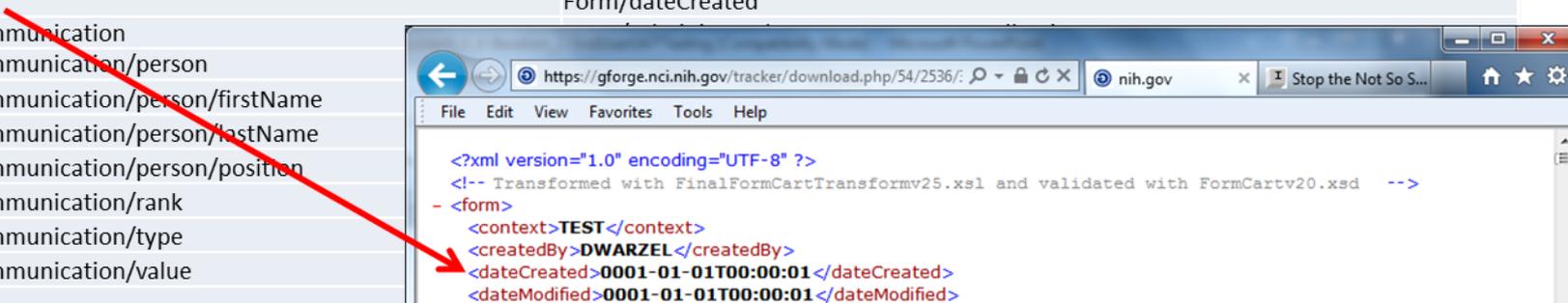
module/question/dataElement/valueDomain/permission
module/question/dataElement/valueDomain/permission
module/question/dataElement/valueDomain/permission
Meaning/longName

module/question/dataElement/valueDomain/type

module/question/multiValue
module/question/publicID
module/question/questionRepetitions/defaultValidValue
module/question/questionRepetitions/isEditable
module/question/version
module/usageCategory

caDSR API Attribute (Class Path)

Form/dateCreated



```
<?xml version="1.0" encoding="UTF-8" ?>
<!-- Transformed with FinalFormCartTransformv25.xsl and validated with FormCartv20.xsd -->
- <form>
  <context>TEST</context>
  <createdBy>DWARZEL</createdBy>
  <dateCreated>0001-01-01T00:00:01</dateCreated>
  <dateModified>0001-01-01T00:00:01</dateModified>
  <modifiedBy />
  <longName>Denise Test CRF</longName>
  <changeNote />
  <preferredDefinition>Description of the form, such as Testing CRF XML XSD functionality</preferredDefinition>
  <publicID>3421713</publicID>
  <version>1.0</version>
  <workflowStatusName>DRAFT NEW</workflowStatusName>
  <categoryName>Eligibility</categoryName>
  <disease />
  <type>CRF</type>
  + <designation>
  + <definition>
  + <headerInstruction>
  + <footerInstruction>
  - <module>
    <displayOrder>0</displayOrder>
    <maximumModuleRepeat>3</maximumModuleRepeat>
    <createdBy />
    <dateCreated>0001-01-01T00:00:01</dateCreated>
    <dateModified>0001-01-01T00:00:01</dateModified>
    <modifiedBy />
    <longName>New Module of CEMs</longName>
  + <instruction>
    <preferredDefinition>New Module of CEMs</preferredDefinition>
    <publicID>3563696</publicID>
    <version>1.0</version>
  + <usageCategory>
  - <question>
    <publicID>0000000</publicID>
    <version>1.0</version>
```

Provide Feedback on Test Results

- Record the Public Id and Version of the forms you think should be in your cart when you are finished testing, a screen shot of your cart from Form Builder will suffice
- Send this information in an e-mail with feedback to the Form Builder Team:
 - NCI Sponsor
 - Denise Warzel: warzeld@mail.nih.gov
 - Project Manager
 - Sharon Gaheen: gaheens@mail.nih.gov

Thanks for your assistance and feedback!

References

- Form Builder QA Application: <http://ncias-q861-v.nci.nih.gov:29280/FormBuilder/>.
- Builder 4.0.4 Release Notes: <https://wiki.nci.nih.gov/x/P4CrBQ>
- Form Builder 4.0.4 Help Documentation: <https://wiki.nci.nih.gov/x/TgvRB>
- Form Builder 4.0.4 Requirements: <https://wiki.nci.nih.gov/x/d4ePAQ>
- Form Builder 4.0.4 Use Cases: <https://wiki.nci.nih.gov/x/JQTRB>
- Form Builder 4.0.4 Form Cart V2 XML Example:
<https://gforge.nci.nih.gov/tracker/download.php/54/2536/32145/8796/CurrentFormCartTransformedofDeniseTestCRFv2-March-15-2013xslv26xsdv21.xml>
- Form Builder 4.0.4 Form Cart XSD:
<https://gforge.nci.nih.gov/tracker/download.php/54/2536/32145/8795/FormCartv21.xsd>
- Form Builder 4.0.4 Issue Tracker:
https://gforge.nci.nih.gov/tracker/index.php?func=detail&aid=32145&group_id=54&atid=2536
- Object Cart Domain Class QA Browser: <http://objcart-qa.nci.nih.gov/objcart10/ShowDynamicTree.action>
- Password Change Station QA Application: <https://cadsrpasswordchange-qa.nci.nih.gov/cadsrpasswordchange/>

Questions? Comments?