# CreationOfEvents\_DynamicExtensions \_XMIImportFeature

Purpose: Test to ensure super administrator is able to create new specimen events containing any number of event parameters via current dynamic extensions import XMI feature

Prerequisites:

Procedure:

1. Navigate to CATISSUE\_HOME. Save the XMI and main container CSV at some location on the machine (The XMI and CSV are checked in at SVN: https://ncisvn.nci.nih.gov/svn/catissue/caTissueDocs/trunk/TestCases/Manual)

2. Run the below ant task:

ant import\_xmi -Dfilename="/opt/caTissue2.0/test/Manual/Test\_Event1.xmi" -DmainContainerList="/opt/caTissue2.0/test/Manual/SPP\_Container1.csv" -Dpackage="gov.nci.spp" -Dpv.file.name="/opt/caTissue2.0/test/Manual/SPPExample\_PVs1.csv" -Dhookentity="edu.wustl.catissuecore.domain.processingprocedure.SpecimenProcessingProcedure"

Refer the expected output:

*Build successful.*

3.Run the ant task:

ant generate:cacore:all

*BUILD FAILED*

*/opt/caTissue2.0/build.xml:1454: The following error occurred while executing this line:*

*/opt/caTissue2.0/modules/caTissue/conf/deploy.xml:1100: The following error occurred while executing this line:*

*/opt/caTissue2.0/modules/caTissue/conf/deploy.xml:1253: The following error occurred while executing this line:*

*/opt/caTissue2.0/modules/dynamic\_extensions/conf/DEDeploy.xml:1589: The following error occurred while executing this line:*

*/opt/caTissue2.0/modules/dynamic\_extensions/conf/DEDeploy.xml:1718: The following error occurred while executing this line:*

*/opt/caTissue2.0/modules/dynamic\_extensions/conf/DEDeploy.xml:1691: The following error occurred while executing this line:*

*/opt/caTissue2.0/modules/dynamic\_extensions/conf/DEDeploy.xml:1842: The following error occurred while executing this line:*

*/opt/caTissue2.0/modules/dynamic\_extensions/conf/DEDeploy.xml:1899: The following error occurred while executing this line:*

*/opt/caTissue2.0/modules/caTissue/conf/detemp/cacoresdk.4.2/software/build/build.xml:97: The following error occurred while executing this line:*

*/opt/caTissue2.0/modules/caTissue/conf/detemp/cacoresdk.4.2/software/build/build-codegen.xml:546: Java returned: 255*

*Total time: 9 minutes 10 seconds*

Restart the server.

4. Login into the application as superadministrator (admin@admin.com,Login123)

5. Navigate to Biospecimen Data. Select a protocol in CP based view. Click on Register New, enter participant details and Submit.

6.Collect the anticipated SCG created for the participant.

7.Go to SPP tab

8.Check the order of the events displayed (Refer the expected output)

9.Click on Events tab of the collected specimens.

10.Select the following events from the event list. Enter details for all the parameters of each event .Click on Submit. Refer the expected output.

oAliquot

oCollection

oFrozen

oIncubation

oIsolateBuffyCoat

oLyseRbc

oRemoveSupernatant

oResuspension

oSnapFreeze

oSpunEvent

11.Perform steps 4 to step 7 as following users, refer the expected output

a.Administrator (admin\_ltp@gmail.com,Test123)

b.Supervisor (sup\_ltp@gmail.com,Test123)

c.Technician (tech\_ltp@gmail.com,Test123)

Expected Output:

2 A message should be displayed as Build Successful; the XMI should be imported into the application successfully.

8 The order of the events should be as per the order ids defined in the xml file of the SPP form

10 User should be able to enter event details for the specimens.

11 User should be able to enter event details for the specimens.

Verification Logic:

1.Query for data entered for events imported using import XMI feature. Execute following query: Specimen-„³Aliquot.

2.It should be possible to include static specimen events as part of ny SPP

3.In CATISSUE\_AUDIT\_EVENT table new record should be entered with IP address equal to the IP address of the machine from which the action was performed, Event\_Timepstamp equal to the date on which the action was performed, and Event Type should be INSERT.

4.In CATISSUE\_DATA\_AUDIT\_EVENT\_LOG table contains Object Name should contain CATISSUE\_FIXED\_EVENT\_PARAM. Object\_ID is the unique ID of the object inserted. Parent\_id will be null for the main object. Containment type objects getting added will have a parent\_id equal to the ID of the main Object (USER) being inserted. This table refers to CATISSUE\_AUDIT\_EVENT\_LOG table which relates to the CATISSUE\_AUDIT\_EVENT table.

5.In CATISSUE\_AUDIT\_EVENT\_DETAILS table Element name contains the list of attributes that are in CATISSUE\_FIXED\_EVENT\_PARAM tables.

6.Previous value will be null and Current value will be the values added through UI.

7.Refer the data model and audit metadata.xml to find out the classes with containment and reference association with the main class. All the classes and attributes should be audited in respective audit tables.

# SPP Add (no way to test)

Test to verify SPP can be added successfully

Purpose:

Test to verify if SPP can be added via UI

Prerequisites:

Create Events via import XMI:

1. Copy below files into ‘XMI’ folder in installable directory uploaded at https://ncisvn.nci.nih.gov/svn/catissue/caTissueDocs/trunk/TestCases/Manual/

SPP\_Container1.csv

Event1.xmi

SPPExample\_PVs1.csv

2. Run below command from installable

ant import\_xmi -Dfilename="/usr/local/catissue/I16W2/XMI/Event1.xmi" -DmainContainerList="/usr/local/catissue/I16W2/XMI/SPP\_Container1.csv"-Dpackage=” gov.nci.spp” -Dpv.file.name=”/usr/local/catissue/I16W2/XMI/SPPExample\_PVs1”-Dhookentity=”edu.wustl.catissuecore.domain.processingprocedure.SpecimenProcessingProcedure”

3. Stop the server and run below target from installable folder

ant generate:cacore:all

4. Start the server

Create SPP:

Use the XMLs uploaded here to create SPPs: https://ncisvn.nci.nih.gov/svn/catissue/caTissueDocs/trunk/TestCases/Manual/SPP1.zip

Procedure:

1.Login into application as Super administrator

2.Navigate to Administrator data->Specimen Processing Procedure->Add

3.Enter the name of SPP and browse the xml for the same

4.Click on Save and set default values button

5.Set defaut values and click on Save

6.Click on Download XSD button

Expected output:

SPP XMLs should get uploaded successfully with default values set

XSD file for the specified SPP should get downloaded successfully for step6.

Verification logic:

Defualt values should be displayed while data entry for SPP.

# SPPCreation\_ SPP events creation from UI (No way to do ant build all)

Purpose:

Test to ensure user is able to create an SPP event from UI using Local extensions

Procedure:

1.Login into application as Super administrator

2.Navigate to Administrative data->Local Extensions->Add

3.Select Hook Entity as SPP from the drop down

4.Click on Submit (Refer the expected output)

5.Select create new and enter the group title

6.Click on Next

7.On Define Form page enter the Form title to be displayed under events tab under the Select events drop down and check the checkbox for Create as New form

8.Click on Next

9.Now, add label for the different attributes to be added under the event form which as follows and set default value for any one of the attribute

a)Label: Name , Edit Box

b)Label: Gender, Check Box

c)Label: Electrolyte, Display as List Box, Add permissible values as A1,A2,A3

d)Label: Date, Format: Date Only

10.Click on Submit Attribute after Adding each attribute (Refer the expected output)

11.Click on Next (Refer the expected output)

12.Click on Back and save it (Refer the expected output)

All good.

13.Shutdown the jboss server

14.Run the ant task: ant generate:cacore:all. Restart the server.

15.Navigate to Biospecimen data->Collection protocol based view

16.Select any CP to which SCG and specimens are present

17.Go to events tab (Refer the expected output)

18.Select the form from the dropdown which is created above using local extensions

19.Enter the data details for the event form and submit it (Refer the expected output)

Expected output:

4.The page for building form should be displayed under which Define group section should get loaded

10.On submitting each attribute it should be displayed under the right panel under the form attribute list section

11.Preview of event form as per the attributes added will be displayed. Check for all the attributes if they are working properly as per their functionalities

12.Event form with the attributes specified should get saved successfully

17.The event form which is created using local extensions should be present under the dropdown list

19.The data entered for the event form should get saved successfully

Verification Logic:

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10. Go to biospeicmen->specimen->events and check that event to see if that default is populated

# SPPEdit\_AfterSPPDataEntry

Purpose:

To ensure SPP can be edited once it is associated with any SCG/Specimen.

Prerequisites:

Procedure:

1. Upload an SPP in the system. SPP should be associated with some SCG/Specimen.

2. Click on Download Current XML and edit the SPP XML to

a) Delete an event

b) Change the event defaults

c) Add a new event

d) Edit an event to add attribute

e) Edit an event to delete an attribute

3. Upload the SPP xml.

Expected Output:

2. File for the specified SPP should get downloaded successfully.

a) SPP upload should not be allowed.

b) SPP should be uploaded successfully.

c) SPP should be uploaded successfully.

d) SPP should be uploaded successfully.

e) SPP upload should not be allowed.

Existing events cannot be modified or deleted during SPP edit. You are allowed to only add new events.

# SPPEdit\_BeforeSPPDataEntry

To ensure SPP can be edited only if it is not associated with any SCG/Specimen.

Purpose:

To ensure SPP can be edited only if it is not associated with any SCG/Specimen.

Prerequisites:

Procedure:

1. Upload an SPP in the system.SPP should not be associated with any SCG/Specimen.

2. Edit the SPP XML to

a) Delete an event

b) Change the event defaults

c) Add a new event

d) Edit an event to add attribute

e) Edit an event to delete an attribute

3. Upload the SPP xml.

4. Click on Download Current XML

Expected Output:

3.The SPP should be uploaded successfully.

4.File for the specified SPP should get downloaded successfully

Verification Logic:

# SPP\_ADD\_Error

Test to verify if proper error is displayed if user specifies invalid event name or order while adding SPP via UI

Purpose:

Test to verify if proper error is displayed if user specifies invalid event name or order while adding SPP via UI

Prerequisites:

Create Events via import XMI:

1. Copy below files into ‘XMI’ folder in installable directory uploaded at https://ncisvn.nci.nih.gov/svn/catissue/caTissueDocs/trunk/TestCases/Manual/

SPP\_Container1.csv

Event1.xmi

SPPExample\_PVs1.csv

2. Run below command from installable

ant import\_xmi -Dfilename="/usr/local/catissue/I16W2/XMI/Event1.xmi" -DmainContainerList="/usr/local/catissue/I16W2/XMI/SPP\_Container1.csv"-Dpackage=”spp” -Dpv.file.name=”/usr/local/catissue/I16W2/XMI/SPPExample\_PVs1”-Dhookentity=”edu.wustl.catissuecore.domain.processingprocedure.SpecimenProcessingProcedure”

3. Stop the server and run below target from installable folder

ant generate:cacore:all

4. Start the server

Create SPP:

Use the XMLs uploaded here to create SPPs: https://ncisvn.nci.nih.gov/svn/catissue/caTissueDocs/trunk/TestCases/Manual/SPP1.zip

Procedure:

1. Upload an SPP in the system.SPP should be associated with some SCG/Specimen.

2. Click on Download Current XML and edit the SPP XML to

a) Already existing event name

b) Repeatitive order id

c) Invalid entity group name

3. Upload the SPP xml.

Expected Output:

2. File for the specified SPP should get downloaded successfully

a) SPP upload should not be allowed and should display the appropriate error message specifying event name already exist

b) SPP upload should not be allowed and should display the appropriate error message specifying order id already exist

c) SPP upload should not be allowed and should display the appropriate error message specifying entity group name does not existor invalid

# SPP\_Import PVs without server restart

Test to verify if permissible values for the event attributes can be imported along with the XMI import for SPP without restarting the server

Purpose:

Test to verify if permissible values for the event attributes can be imported along with the XMI import for SPP without restarting the server

Procedure:

1.Navigate to CATISSUE\_HOME. Save the XMI and main container CSV at some location on the machine (The XMI and CSV are checked in at SVN: https://ncisvn.nci.nih.gov/svn/catissue/caTissueDocs/trunk/TestCases/Manual)

2.Run the below ant task:

ant import\_xmi -Dfilename="/opt/caTissue2.0/test/Manual/Test\_Event1.xmi" -DmainContainerList="/opt/caTissue2.0/test/Manual/SPP\_Container1.csv" -Dpackage=”gov.nci.spp” -Dpv.file.name=”/opt/caTissue2.0/test/Manual/SPPExample\_PVs1.csv” -Dhookentity=”edu.wustl.catissuecore.domain.processingprocedure.SpecimenProcessingProcedure”

(Refer the expected output)

3.Restart the server

4.Login into the application as super administrator

5.Navigate to Biospecimen Data. Select a protocol in CP based view

6.Click on Register New

7.Enter participant details and Submit.

8.Collect the anticipated SCG created for the participant.

9.Click on Events tab of the collected specimens.

10.Select the events from the event list as specified in the SPP\_container1.csv file and observe the permissible values for the attributes (Refer the expected output)

Expected output:

2.A message should be displayed as Build Successful; the XMI along with PVs should be imported into the application successfully.

10.Permissible values for the attribute specified for the particular form should be displayed under the dropdown present for the attribute (Refer the SPPExample\_PVs1.csv file)

For example:

For the event form Anesthetic Administration and the field/attribute agent following permissible values should be displayed

-Propofol

-Isoflurane

-Ketamine

-Midazolam