caTissue version 1.2

Release Notes

Washington University / Persistent systems
03/18/2011

REVISION HISTORY

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Chapter 1. Introduction

This document outlines release notes information of caTissue release 1.2.

Chapter 2. New Features and Updates

2.1 Description of the release

2.1.1 New features in this release

- ‘Google like’ free text search capability and Enhanced public summary page
- Option to integrate with multiple Identity Providers for user authentication
- General improvement in overall performance (e.g. page loading times)
- Several usability enhancements and bug fixes
- Capability to generate specimen label formats based on individual collection protocols
- File based, bulk data upload functionality, to load data into caTissue through the user interface
- Improved query Dashboard and option to share queries with other users
- Calculated attributes and skip logic capability for Dynamic Extensions
- Folder restructure in the installable file

2.1.2 Build name

caTissue Suite v1.2 RC6

2.1.3 Release date

March 18, 2011

2.1.4 Upgrade from currently deployed caTissue v1.1.x release to new release

Please refer caTissuev1.2 Deployment Guide - Section 2.5.2 "Upgrade" Page Number 18

2.1.5 Dev release date

March 18, 2011

Chapter 3. Bugs Fixed Since Last Release

id & link	bug_severity	short_desc
14075	Blocker	Storage position not filled up automatically on aliquot page
14142	Blocker	Page after SCG submit does not come up for site supervisors
12153	Blocker	Performance issues with Auto storage container
14692	Blocker	Lot of DB open connections at one time
10822	Critical	CP based view using too little window height on MAC
12123	critical	Scientist can view MRN
10724	enhancement	need more info (tissue site, cell type) in specimen summary at collection time
10854	enhancement	Changing date format of application from US (MM-dd-yyyy)to UK(dd-MM-yyyy).
10856	enhancement	Renaming zip code to post code and removing the mask on zip code.
10858	enhancement	Removing mask on the state field.
10861	enhancement	Rename IRB ID to Ethics number
10862	enhancement	Removing SSN,Race,Sex genotype,Ethnicity fields from the particpant page.
10864	enhancement	Changing Title text field to text area on CP creation page.
10865	enhancement	Removing mask on phone number.
12890	enhancement	User should be able to print label from specimen page with help of print label check box.
13225	enhancement	Clinical Diagnosis subset at CP definition level
14547	enhancement	Support required for Bulk operations through UI
14840	enhancement	Support for Bulk Operations through backend by running a ANT task
12266	major	Specimens missing from the 'Shipment Request details' page
10764	normal	Time to login is slow after upgrade
11075	normal	Advance Query Interface does not support outer join
11092	normal	Fields should be mandatory while creating Participant
11336	normal	Specimen subclasses inter-linking should be present
12083	normal	Query as scientist is very slow
12135	normal	Response for Edit consent is not saved
14162	normal	Trusted site displays the security warning message pop-up
14263	normal	Should be able to use auto option to place specimens received in shipment
11512	normal	Direct distribution without ordering
11824	normal	Server error at the time of data entry in a edited category form
12087	normal	IdP integration with p release for WashU
14581	normal	Integrate BDA'fied DE
14603	normal	Indexes for static model tables for query
11694	critical	storage containers are taking time to load during manual assigning of storage locations.

id & link	bug_severity	short_desc
12474	critical	Drop downs are not wide enough to visualise the PVs
10723	enhancement	Fixed-size frames in query UI and CP-based view
10725	enhancement	Google like free text search support
10750	enhancement	Printer location and printer type to be displayed
10751	enhancement	Editing of barcode field to be made configurable
10767	enhancement	Summary page changes
11026	enhancement	Shipping manifest to be redesigned
11230	enhancement	Need concentration field in distribution report
12103	enhancement	Participant cache re-factoring to avoid caching unnecessary objects
13003	enhancement	Label Printing from My List view
14351	enhancement	Need a field to calculate absorbance ratio for molecular specimens
14417	enhancement	"Map" option not available to assign the location to specimens during bulk transfer.
10731	enhancement	Participant list in CP based view should auto complete dropdown
10737	enhancement	Should be able to hide CA model or forms within entity groups
11113	enhancement	Collapsable left frame in the biospecimen data tab for the DE forms
12102	enhancement	Eliminate storage container caching mechanism
14258	enhancement	Should be able to restrict containers by type
14350	enhancement	Should be able to disable participant if SCG and specimens are anticipated
15109	enhancement	Checkbox on CP based specimen entry page should not be automatically checked off
10921	major	MRN is pre-populated in the Matching Participant list with the MRN of the row that precedes it.
11946	major	Number of nodes display from the parent and child nodes to avoid memory leakage.
11975	major	Tree view: Should not show more than 100 nodes for each type
12066	major	JavaScript error on many pages
12100	major	Optimize use of Ehcache in caTissue
12375	major	Anticipated Specimen page taking much time to load if storage location is set to "AUTO" and "Manual"
13081	major	Delete unused code related to ClinicalStudyRegistration
11375	major	Improper Auto allocation of Specimens, to containers with no restrictions.
11461	normal	Storage position 1 and 2 not selected when entering manually
14335	normal	Qty of decimal type should be rounded off
11169	normal	checkboxes to select specimens for label printing
11050	normal	unable to edit specimen status
11076	normal	Advance Query Interface does not support outer join
11091	normal	Issues with paginated dropdown(e.g. clinical diagnosis field in SCG)
11177	normal	Path Status from CP requirements not propagated to actual specimens
11298	normal	Specimens cannot be processed if CP is closed
11069	normal	Tabular display of existing annotations in view annotation tab
10743	normal	Created On Date does not equal Collected Date

id & link	bug_severity	short_desc
10748	normal	Problems with storage container allocation
10752	normal	Participant Matching algorithm not functioning proprely
11008	normal	PPI field should be visible even though it is auto generated in registration page
11067	normal	Apply to all for required quantity of derived ordered specimen is missing
11093	normal	Should be able to edit CP for adding events and requirements
11363	normal	Required tooltip for clinical diagnosis
11414	normal	Horizontal scroll bar within the drop-down for collection site.
11436	normal	Message/Screen swapping while participant registration.
11509	normal	Labels generated for printing not in order
11632	normal	Browser timeout should be based on user activity and not server call
12059	normal	No validation for permissible values for Specimen requirement while inserting through API
12089	normal	Getting security error in CP based entry page if fields left blank
12099	normal	Memory Profiling: Memory leak while inserting bulk specimen object
12101	normal	Eliminate DE and Query metadata cache duplication
12104	normal	JBoss GC memory parameters tuning
12105	normal	Memory leaks during participant registeration when label generator is ON
12106	normal	Issues found when CPU profiling of opening new participant page
12107	normal	Issues found when CPU profiling of new participant submit
12108	normal	Performance Improvement during user login
12175	normal	In edit mode, start date of CP/DP is visible to scientist user
12196	normal	PHI filtering required for attributes
12336	normal	Supervisor not able to edit specimen
12630	normal	Issues with caTissue Audit functionality.
12651	normal	Performance issue with Auto Storage Container location
12665	normal	Limits on attributes are not getting parameterized.
13306	normal	Table View Not Saved in Advanced Query
14161	normal	Specimen gets updated even when it is not collected
14199	normal	Refresh on deselecting "DO you want to store aliquots on same container"
14267	normal	Apply first to all option in receive shipment page for manual storage
11266	normal	API query get all Collection Protocol actually executes get all Collection Protocol with consentWaived atttribute false
11479	normal	Storage position 1 and 2 not selected when entering manually
11514	normal	Cannot query through API or CQL which returns attribute of domain object
11541	normal	"Read timed out" error while executing CQL or API query
11590	normal	Container auto allocation for containers not working properly
11822	normal	Performance Issue with the form associated with 12 k specimens
15156	normal	bulk operation support in p4
14602	normal	Cannot query for timestamp equals a particular date
10755	critical	Specimen label generator is getting called before SpecimenCollectionGroup label generator

id & link	bug_severity	short_desc
10914	critical	Drop downs are not wide enough to visualise the PVs
10805	enhancement	Remove cancel button from all edit pages
10976	enhancement	Require ability to print labels for storage container
10987	enhancement	Require seperate ant target to configure and deploy CA model WARs
11338	enhancement	Should be able to auto generate PPI
11570	enhancement	Should be able to select specimens collected after unchecking the header "Collected?" checkbox
11637	enhancement	Shipping manifest page title should have ""Packing Slip" instead of DFCI
11696	enhancement	Closed storage containers should have different color in map
11948	enhancement	Query results should be directly displayed even when a query returns more results than the threshold
12735	enhancement	Should be able to set Session time out configuration post deployment
14486	enhancement	Default values should be set while creation of collection protocol
14487	enhancement	"Specimen entry based on collection protocol" should be default selected
11063	enhancement	It should be possible to add just a heading/label anywhere in the form
11115	enhancement	Data entry forms attribute labels should utilise the screen space more
13024	enhancement	Should be able to add some additional information with version info on home page
11154	major	Pathological Status of Specimens defined in Collection Protocol are not being propagated during Specimen collection.
9155	major	Apply to all for required quantity of derived ordered specimen is missing
13048	major	PHI in audit tables should be masked/removed in staging schema before public migration
11090	normal	Issues with paginated dropdown(e.g. clinical diagnosis field in SCG)
11287	normal	Specimens cannot be processed if CP is closed
11458	normal	Order of specimens disturbed after navigating away from my list
10745	normal	Multiple Specimen page >> Quantity should support exponential format
10749	normal	Issue with label printing on SCG page
10821	normal	Register New Participant - Only Participants with Matching MRNs should be returned
10997	normal	Error message should be displayed for invalid user credentials
11013	normal	CP Based view specimen entry page uncheck of select all check box disables all checkboxes
11066	normal	Alphabetical ordering of elements in CP restrictions, privileges & view map
11174	normal	Pending specimen when collected should automatically be made available
11245	normal	Distribution fails with long distribution protocol title
11480	normal	Specimen label disappears after container fetch in single specimen page
12064	normal	When storage container is edited, Activity status and Check Box (Is container Full?) not getting updated
12142	normal	Issues with selection of print label check-box in CP based specimen entry page
12148	normal	Add user page has a text /display overflow
12160	normal	Add/Edit tab being displayed incorrectly in distribution array report
12200	normal	Issues while requesting shipment when more than one shipment is requested

id & link	bug_severity	short_desc
12245	normal	Unable to create user without filling value in "State" field when "isStateRequired" is set to false
12247	normal	When creating shipment only repository sites should be filtered for Sender and Receiver sites
12255	normal	Receiver name is missing on Received Shipment page.
12430	normal	Default value set for visible related attribute is dissappearing after form data entry
12620	normal	Issues while navigating through surgical pathology reports
12699	normal	Buttons disppear after submitting multiple specimens
10321	normal	The calender appears away from the attribute for which it has to be used for the data entry.
10742	normal	Events that do not function in bulk should be removed from dropdown
10765	normal	System forgets MRN when saving SCG
10824	normal	Long form names are not seen properly in the annotation tab in biospecimen data tab
11061	normal	Inappropriate sorting of items in data entry form
11062	normal	Line number not displayed for PV related error in Category creation
12063	normal	Hyperlink of logo should correctly point to institution URL
7377	bug	Columns of Search Result gets distorted after adding participant data
7704	bug	exception encountered while searching for long string in simple search
7841	bug	Sourting of columns is not working
8642	bug	The sort is not sorting all the rows in the result set, but sorts only the rows in a page.
8739	eng	Should be possible to select DAG nodes without shift key
9650	bug	Results display distorted in mozilla
9775	bug	User object is not visible in the object dropdown when Object selected on the previous row object dropdown is Clinical study
9779	bug	Rejected user is displayed in the Search Result on simple search
7172	enh	Searching new tree-based permiisable value mode (from 7171)
7174	enh	Ability to retrieve records based on count of # of entries for a field
7710	enh	Tree view of the Query result display
11112	enh	Search should have a feature where study specific previleges can be assigned to DE entities being searched
11911	enh	In tree view of query result, participant name should be displayed as Last Name, First Name
11918	enh	Should be able to define view based on all nodes in the DAG
12626	enh	date/time in the export dump
12728	enh	Proper framework needed for metadata changes
12913	enh	AdvanceQuery_Installable.zip contains unnecessary files
13056	enh	remoting-config file from AdvanceQuery should not have catissuecore remote service entry
13075	enh	Should be able to edit a saved query even when it returns zero records
13221	enh	de-id for participant, specimens during query export
13227	enh	Age along with dates in query results
13242	enh	Exported file should have query title, export date and query limits.

id & link	bug_severity	short_desc
13677	enh	Query Sql should contain the 'where clause' for CP/CS ids on which user has access.
13773	enh	UI dashboard (My queries, shared queries, All queries)
13774	enh	Sharing queries
14015	enh	Should be able to link two nodes even if direct path does not exist
14017	enh	On Save query page include option to â€˜Show Allâ€™ limits to be parameterize
14018	enh	Entity should be visible in grid even when deleted from view.
14019	enh	Messages should be shown in a better way
14021	enh	Query tables creation script should be in query
14050	enh	Save Query page should be pre-populated while saving an existing query.
14088	enh	Enhanced format for exported csv file results view
14297	enh	Should be able to execute query using Query Title
14510	enh	Disabling a saved query
14831	enh	Units should be part of results along with quantity
14832	enh	Workflow of queries like CIDER
14889	enh	Able to have temporal queries on 2 date fields on same node
14890	enh	Count queries should be possible
14936	enh	Should be possible to label the nodes when multiple nodes of same entity present in DAG
15086	enh	Query Parameters should be listed one below the other
15203	enh	On execution on saved query by clicking on the query name there should be proper message indicating the query is being executed
15232	enh	Does not contain operator
15296	enh	Provision to rename the attributes to represent the form labels
15826	enh	Operators other than In and Not in for list attributes
15915	enh	specify tablespace name for creating temp tables

Chapter 4. Known Issues

Bug ID	Component	Bug Summary	Issue to be documented
5938	API	Searching on participant last name as scientist returns the result.	When a Scientist user (who does not have access to PHI data) queries for some PHI attribute using API, he is returned the search results with PHI fields set to null. However, the same query from UI results in zero records being displayed.
15177	Browser Environment	Ui issues with Mac safari 5.0	The client environment must have a JRE 6 Update 17 installed for viewing applets in the caTissue application. The steps to update the browser to use the required JRE have been mentioned in the deployment guide. If this is not done, the Specimen Array may not be visible in the client browsers.
17689	Bulk Operations	Incorrect labels generated for aliquots using Bulk operation upload	When the caTissue application is deployed on MySQL database, then while creating aliquots using Bulk operation, aliquot labels generated are incremented by 2 in place of 1,so the labels generated are as sp_1,sp_3,sp_5,sp_7…
18558	Bulk Operations	Can we load data by something other than protocol title	Currently Bulk Upload supports upload of collection protocol registration objects using Collection Protocol Long Title or Protocol Identifier in the CSV. It does not support usage of Collection Protocol IRB Identifier and
18388	Bulk Operations	Incorrect error message on specifying invalid Can hold storage type	If an invalid value for "Can Hold Storage Type" is specified when creating a storage container using bulk operations, the following error message is shown "submission failed since a with the same STORAGE_TYPE_ID already exists".

Bug ID	Component	Bug Summary	Issue to be documented
18385	Bulk Operations	Validation message not shown on specifying incorrect can hold specimen class while creating containers using Bulk operation	If an invalid "Can Hold Specimen Class" is specified when creating storage container using bulk operations, no validation message is returned to the user. The storage container creation is successful with an invalid "Can Hold Specimen Class".
18596	Bulk Operations	BO:Updating ConsentTierResponse and ConsentTierstatus for CPR and SCG objects fails	Bulk update of consent tier response and consent tier status for collection protocol registration and specimen collection group fails with LazyInitialization error.
18391	Bulk Operations	Incorrect error message on specifying wrong CP Id while creating container	On specifying invalid Collection protocol identifier in the CSV to bulk upload storage containers, upload fails with an incorrect message as "Submission failed since a with the same COLLECTION_PROTOCOL_ID already exists."
19065	caGrid	DE & CaTissue caGrid services not working properly if deployed on the same JBoss.	Since caGrid supports only one service on one jboss, caTissue and DE caGrid services are required to be deployed on two different jboss servers.
19107	caGrid	API program to insert and query DE data doesn't work on https signed set up	The caCORE client program which will insert and query the DE data doesn't support HTTPS signed server. Hence caTissue and CA Model wars have to be deployed on HTTP jboss server.
17504	caTIES	Concept coding needs to import SSL cert	For HTTPS signed environment, the concept coder requires a keystore to the jboss server. Steps to generate keystore are already mentioned in the deployment guide.
10499	caTIES	Concept coder throws error.	The properties, saveBinaryContent and saveXMLContent had been introduced in caTIES.properties file, to support the saving of reports in XML and Binary form. However, this feature is still not implemented and hence only the following values are permitted for these properties. saveBinaryContent=false saveXMLContent=false

Bug ID	Component	Bug Summary	Issue to be documented
18396	Deployment	Execution of deploy_all took 183 minutes 52 seconds for Windows_Oracle_Fresh.	When running the target "deploy_all", the caCORE generation for the imported models takes considerable time, adding up to the time to deploy the application.
18355	Deployment	CAS server changes need caTissue redeployment	The caTissue application needs to be redeployed if the CAS related properties in caTissueInstall.properties are changed
18398	Deployment	Storage container pop-up require re-login into the application on IE8	The caTissue application does not support HTTPS unsigned server. For running the caTissue application on an HTTPS server, it is required that a valid signed certificate is installed on the server.
18218	Deployment	Space provided before/after property value in properties file should be trimmed	If any property in caTissueInstall.properties files contains a space after the value, then this can cause issues. For e.g. if the user name contains a space afterwards, the application login doesn't work.
18151	Dynamic Extensions	Unable to associate form to a particular CP through command	When the XMI is imported it is associated with required CPs. However, when importing forms, the forms will be visible for all CPs.
18420	Dynamic Extensions	Change hook entity of saved group should show validation	The system allows to create a new Group from an existing Group associated with a different hook entity. Because of this, the application deployment fails due to error in caCORE generation.
18138	Dynamic Extensions	API security issues with DEs containing PHI	caGrid query on DE/ Annotation models does not filter out PHI data. Hence, any attribute of DE/ Annotation model should not be tagged as PHI.
18063	Keyword Search	Java heap space error on searching 'Malignant Meningitis'	For keyword search, if the search returns more than 50,000 results, the application displays a message stating "The search for this keyword returned too many records. Please enter a more specific keyword."
18089	Local Extensions	Unable to associate form to a particular CP	When creating forms using Local Extensions, the user is allowed to select Collection Protocols to which the form will be visible. However, this association to particular Collection Protocols is not saved and reflected later when viewing the forms and these forms are visible to all the CPs.

Bug ID	Component	Bug Summary	Issue to be documented
10697	Local Extensions	System never returns from Save when creating Dyn Ext through UI	Creating dynamic extensions takes considerable time as it is altering schema. Hence it takes some time before the user is sent back to the main annotations page. When the user revisits the annotations page, the DE is created.
10244	Query	Query with "greater than 0" years includes 0 years records.	If a user fires a query where it has a filter having years "greater than 0", this will return records that include 0 years. The reason being that any duration less than 6 months is rounded off to 0 years.
19890	DE creation	Exported XMI file name not proper	The XMI file is created but the file name is "${relative.filename}" at the root directory of the installable. User will have to change the file name to "model_name.xmi".
19881	DE creation	Problems with creating forms with inherited classes through UI	If the model contains inherited classes, then the model should be developed using UML Modeling tool like Enterprise Architect. DE Form Builder UI does not support this feature.

Chapter 5. Bug Reports and Support

Please refer to following link for bug reports –

https://cabig-kc.nci.nih.gov/Bugzilla/

Please refer to following link for support –

https://cabig-kc.nci.nih.gov/Biospecimen/KC/index.php/Main_Page

Chapter 6. Documentation

6.1 Link to deployment guide

http://cbmiportal.wustl.edu/projects/caTissue/Shared%20Documents/4.%20Guides/Deployment%20Guide/caTissueSuite_v1_2_DeploymentManual.doc

6.2 Link to user manual

http://cbmiportal.wustl.edu/projects/caTissue/Shared%20Documents/4.%20Guides/User%20Manual/caTissue_Suite_User_Manual.doc

6.3 Link to technical guide

https://ncisvn.nci.nih.gov/svn/catissue_persistent/caTissueDocs/branches/caTISSUE_DOC_BRANCH/caTissueSuite_v1.2/caTissueSuite_v1_2_Technical_Guide.doc

Chapter 7. NCICB Web Pages

7.1 caTissue tool overview page

https://cabig.nci.nih.gov/tools/catissuesuite

7.2 NCICB caTissue application support

https://cabig-kc.nci.nih.gov/Biospecimen/KC/index.php/Main_Page

7.3 NCICB caTissue download support

https://cabig-kc.nci.nih.gov/Biospecimen/KC/index.php/CaTissue_Suite#Installation.2FDownloads