
caLIMS v2 Development Working Group (DWG) Meeting March 29, 2011 (rescheduled from 3/15)

Welcome to the caLIMS v2 Project Working Group!

Phone: 1-866-655-7948/ PC2907376#

caLIMS v2 DWG - 3/29/2011: Agenda 1

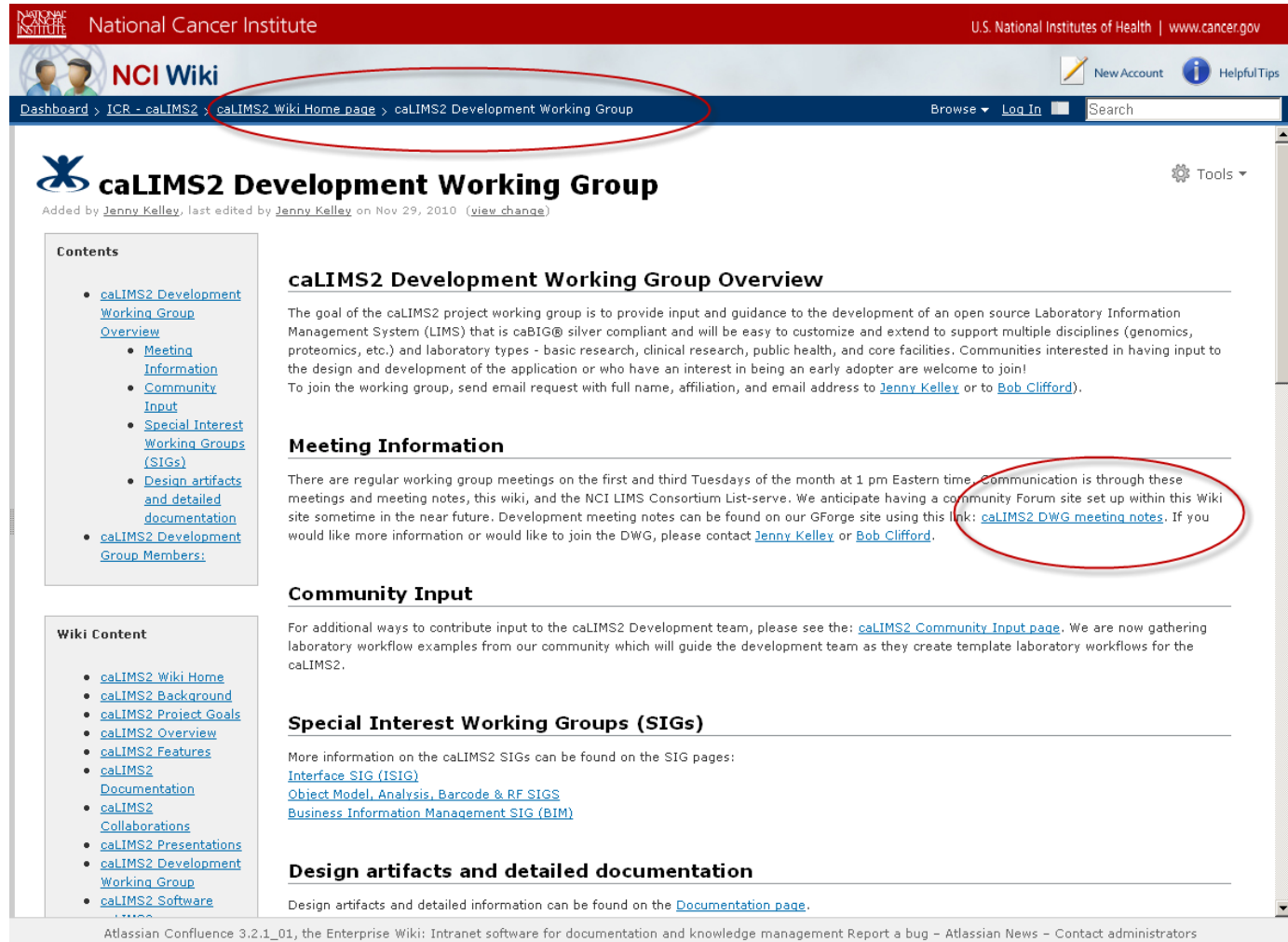
Today's discussion:

- ◆ Review Action Items from last meeting
- ◆ Review/update budget impact on caLIMS project
- ◆ caLIMS v2.c3i0 milestone release
 - Feature list for caLIMS v2.c3i0 milestone release
 - Documentation for caLIMS v2.c3i0 milestone release
 - caLIMS v2.c3i0 milestone release demo
- ◆ Questions related to release
- ◆ Community discussion time
- ◆ Next meeting reminders

caLIMS v2 DWG - 3/29/2011: Action Items

Action Items from last meeting:

- ◆ Meeting notes and slides are posted up through 3/1/2011. (2/15/11 was cancelled due to lack of quorum; 3/15 was rescheduled to today).



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caLIMS2 Development Working Group

Added by [Jenny Kelley](#), last edited by [Jenny Kelley](#) on Nov 29, 2010 ([view change](#))

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caLIMS2 Development Working Group Overview

The goal of the caLIMS2 project working group is to provide input and guidance to the development of an open source Laboratory Information Management System (LIMS) that is caBIG® silver compliant and will be easy to customize and extend to support multiple disciplines (genomics, proteomics, etc.) and laboratory types - basic research, clinical research, public health, and core facilities. Communities interested in having input to the design and development of the application or who have an interest in being an early adopter are welcome to join!

To join the working group, send email request with full name, affiliation, and email address to [Jenny Kelley](#) or to [Bob Clifford](#).

Meeting Information

There are regular working group meetings on the first and third Tuesdays of the month at 1 pm Eastern time. Communication is through these meetings and meeting notes, this wiki, and the NCI LIMS Consortium List-serve. We anticipate having a community Forum site set up within this Wiki site sometime in the near future. Development meeting notes can be found on our GForge site using this link: [caLIMS2 DWG meeting notes](#). If you would like more information or would like to join the DWG, please contact [Jenny Kelley](#) or [Bob Clifford](#).

Community Input

For additional ways to contribute input to the caLIMS2 Development team, please see the: [caLIMS2 Community Input page](#). We are now gathering laboratory workflow examples from our community which will guide the development team as they create template laboratory workflows for the caLIMS2.

Special Interest Working Groups (SIGs)

More information on the caLIMS2 SIGs can be found on the SIG pages:

- [Interface SIG \(ISIG\)](#)
- [Object Model, Analysis, Barcode & RF SIGs](#)
- [Business Information Management SIG \(BIM\)](#)

Design artifacts and detailed documentation

Design artifacts and detailed information can be found on the [Documentation page](#).

Atlassian Confluence 3.2.1_01, the Enterprise Wiki: Intranet software for documentation and knowledge management Report a bug - Atlassian News - Contact administrators

caLIMS v2 DWG - 3/29/2011: Budget news update

Update from recent CBIIT budget meetings:

- ◆ Funding for caLIMS currently on hold pending final budget decisions by Congress/HHS/NIH/NCI/CCR
- ◆ CBIIT/caBIG® program review by BOA on March 4 recommended no more software development
- ◆ CBIIT leadership discussions with Varmus no how to proceed with recommendations and not leave community in the lurch
- ◆ caLIMS project has stopped development
- ◆ caLIMS v2.c3i0.0 milestone release today.
- ◆ Some discussions on ODI


caLIMS v2 DWG - 3/29/2011: Action: What can you do?

- ◆ Additional community input needed!!
 - Let all know of your need for caLIMS v2.0
 - Suggestions for ODI (Open Development Initiative)
 - Need input as soon as possible!
- ◆ Let CBIIT leadership know of your interest and support for finishing out the milestone release to a beta release and a public release
 - Contact Juli Klemm: klemmj@mail.nih.gov
 - Contact John Speakman: speakmaj@mail.nih.gov
 - Contact Jenny (who will be happy to pass on): kelleyj@mail.nih.gov
- ◆ Tell us of the impact on your group and goals


caLIMS v2 DWG - 3/29/2011: Update on caLIMSV2.c3i0

- ◆ caLIMSV2.c3i0.0 is being released today
 - Milestone release
 - » Includes functionality in Administration, Inventory, Report, and Customer Service
 - » Support documentation includes wiki User Guide, context-specific Help button , installation guide, release notes, updated design artifacts
- ◆ List of known issues available in NCI Tracker (JIRA) project
- ◆ Community input welcome
 - Community information will have high influence in priority
 - Contribute comments and use cases – especially if you suggest an improvement, new feature, or change in priority

caLIMS v2 DWG - 3/29/2011: Milestone release today

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caLIMS v2 Wiki Home page

Added by Ann Wiley, last edited by Jenny Kelley on Mar 29, 2011 (view change)

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caLIMS v2 Project News

Upcoming milestone software release
The caLIMS v2.c3i0 will be available the end of March 2011 to the caLIMS development community and anyone else interested in testing this version. Follow the Software links below for more information and the download link.

Contents

- [Overview of caLIMS v2](#)
- [Using the caLIMS v2 Wiki](#)

Software

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- [caLIMS v2 Download](#)
- [Report Bugs](#)
- [caLIMS User Guide Wiki](#)

Wiki Content

- [caLIMS v2 Wiki Home](#)
- [caLIMS v2 Background](#)
- [caLIMS v2 Project Goals](#)
- [caLIMS v2 Overview](#)
- [caLIMS v2 Features](#)


Overview of caLIMS v2

The purpose of the caLIMS v2 project is to create a Laboratory Information Management System (LIMS) that is interoperable within established caBIG® standards and guidelines and will track a complete laboratory workflow that uses materials from a specimen management service (e.g. caTissue) to generate experimental results for one of the caBIG® data management services (e.g. caArray). Core LIMS functions include the management of personnel, equipment, lab supplies and reagents, samples, laboratory workflow and experimentally derived metadata and data. caLIMS v2 will complete the caBIG® bench to bed model by bridging the gap between biospecimen repositories, data repositories and analysis tools. The application is designed to allow easy customization by users and to facilitate integration with laboratory equipment, analytical tools and data sources. caLIMS v2 is highly flexible, making it suitable for use by research labs, high throughput core facilities and public health labs. caLIMS v2 will help further translational cancer research through the organization of laboratory workflow, tracking of specimens, acquisition of laboratory data and metadata, and the appropriate sharing and dissemination of the data to support subsequent analyses. More information and project details can be found using the following links. If you have questions, please contact [Robert Clifford](#) or [Jenny Kelley](#).


- [caLIMS v2 Project Goals](#)
- [Project Background](#)
- [Project Overview](#)
- [Product Features](#)
- [Project Documentation](#)
- [Project Collaborations](#)
- [caLIMS v2 Presentations](#)
- [caLIMS v2 Software Download](#)
- [caLIMS v2 Development Working Group](#)
- [caLIMS v2 Communication](#)
- [caLIMS v2 Community Input](#)
- [caLIMS v2 Business Information Management \(BIM\) SIG](#)
- [caLIMS v2 Deployment Artifacts](#)
- [caLIMS v2 Contact Us](#)

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caLIMS v2 DWG - 3/29/2011: Milestone release SW1

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 **caLIMS**

caLIMS v2 Software

Added by Sasikumar Thangaraj, last edited by Jenny Kelley on Mar 29, 2011 ([view change](#))

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- [Current Software Release: caLIMS v2.c3i0.0 milestone release](#)
- [Hardware Requirements](#)
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- [caLIMS v2 Release Notes](#)
- [caLIMS v2 Installation Instructions](#)
- [caLIMS v2 User Guide](#)
- [caLIMS v2: Report Bugs and Suggest Improvements](#)

Software

- [caLIMS v2 Installation Instructions](#)
- [Report Bugs and Request Improvements](#)

Wiki Content

- [caLIMS v2 Wiki Home](#)
- [caLIMS v2 Background](#)
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Current Software Release: caLIMS v2.c3i0.0 milestone release

Hardware Requirements

Operating System	Memory	Processor
Windows XP/Vista/7 All flavors Unix/Linux	Minimum 512MB, recommended 1GB or above	Pentium PIII or above, with 1.5 GHz or above

Software Requirements

Before installation of caLIMS v2.c3i0.0, the following software needs to be installed to create the correct environment for the caLIMSv2.c3i0 application to build and run properly.:

- 1) Java 1.6: <http://www.java.com/en/download/manual.jsp>
- 2) Apache Ant 1.7: <http://archive.apache.org/dist/ant/binaries/>
- 3) Database - PostgreSQL 8.4: <http://www.postgresql.org/download/>

Client Browsers Supported

The following client browsers are supported by caLIMSv2.c3i0:

- 1) Mozilla Firefox 3.x and higher - recommended
- 2) Safari 4.x and higher

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Download caLIMS v2

Major Release Number	Minor Release Number	Date of Release	Download
Milestone	2.c3i0.0	March 30, 2011	placeholder

caLIMS v2 Release Notes

- [Release notes wiki page](#)
- [Release notes document \(docx\)](#)

caLIMS v2 Installation Instructions

- [caLIMSv2c3i0.0 Installation Guide - wiki page](#)
- [caLIMSv2c3i0.0 Installation Guide \(docx\)](#)
- [caLIMSv2c3i0.0 Installation Guide \(txt\)](#)

caLIMS v2 User Guide

- [caLIMS User Guide Wiki - home page](#)
- [caLIMS project Contact Us page](#)

caLIMS v2: Report Bugs and Suggest Improvements

- To report bugs and suggest improvements, we are using the NCI Tracker (JIRA) project site for caLIMS2. Users can request an account and then access the caLIMS2 Tracker project to log an issue - whether a bug, improvement, or new feature request.
- To access the NCI Tracker Login and request an account, click on the [NCI Tracker Login link](#) and follow the instructions on the Request Account page.
- To access the [caLIMS2 Tracker project](#), go to the [Tracker Dashboard](#) and scroll down to caLIMS2 link and click. This will put you at the caLIMS2 home dashboard. There are two links that can be used to log issues: 1) the quick links in the upper right side (Create: Bug, Improvement, Other (New Feature)) can be used to create an issue. Click on the type of issue you want to create and follow the instructions; and 2) in the top upper right corner, there is a "+"


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caLIMS v2 DWG - 3/29/11: Included in caLIMSv2.c3i0 – A



◆ Administration

- Includes Login Page with Features/Latest News/Links
- Security (QA based on script for 6 users): superuser, labmanager1, labresearcher1, guest, customer1, customer2, and collaborator; caLIMS v2.c3i0 will have choice of script or CSM/UPT.
- Define Person, Organization, Laboratory (Collaboration), Role, Equipment (Storage Device), Software, Storage Space, Location, Naming Convention, Unit (Standard and Base Units), Message, and Types.
- Types: will come with seed data list of common types discussed by DWG; users may add other types but need to let us know in order to re-register model to maintain caBIG® conformance.
- Note that Admin.type.Container = Container Category (Inventory.Container.type = Container type).


caLIMS v2 DWG - 3/29/11: caLIMSV2.c3i0 – A2













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caLIMS v2 **Administration** Customer Service Inventory Report User logged as: **superuser1** | [Logout](#)

List of  Help

Action	Name	Description	Status	Equipment Type	Model	Property
 	AW 4	Affymetrix Fluidics Workstation used in GeneChip Array experiments.	Active	Automated Fluidics Workstation	FX460	9080
 	Storage Device	Affymetrix Fluidics Workstation used in GeneChip Array experiments.	In Maintenance	Automated Fluidics Workstation	FS650	9900
 	S3000-2	Affymetrix GeneChip Scanner model 3000 which supports the current Affymetrix GeneChip Array .	Active	Automated Array/Chip Scanner	3000	1726
 	Oven1	Affymetrix Hybridization Oven -1: The GeneChip® Hybridization Oven 645 provides precise temperature and rotation control to ensure the successful hybridization of as many as 64 GeneChip®-brand cartridges at one time.	Active	Hybridization Oven	645	9876
   	DemoHybOven2	Affymetrix Hybridization Oven -2: The GeneChip® Hybridization Oven 645 provides precise temperature and rotation control to ensure the successful hybridization of as many as 64 GeneChip®-brand cartridges at one time.	Active	Hybridization Oven	645	9876

[Manage Equipment](#) [Create New Equipment](#)

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◆ Inventory

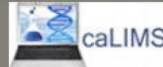
- Specimens = Biospecimens (Antibody, Carbohydrate, Cell specimen, Fluid specimen, Tissue specimen, Protein, Nucleic acid, Primer, PCR product, Lipid, Small molecule, Whole organism)
- Specimens/Materials – Chemical compounds, antigens, lab supply, nanomaterial
- Specimen additional information – Taxon, Strain, Additional organism name, Hazard
- Create specimen – singly or as child (unique ID generated by appending system ID to base name)
- Transfer specimen – within a container and between containers


Note: support for pooled/composite specimens did not make it into this release and will have high priority for future efforts.

caLIMS v2 DWG - 3/29/11: caLIMSV2.c3i0 – I2

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caLIMS v2 Administration Customer Service **Inventory** Report

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Manage Service Page

Query

Biospecimen ▶

Container ▶

Strain

Hazard

Taxon

Additional Organism Name

Antigen

Chemical Compound

Lab Supply

Artificial Specimen ▶

Antibody

Carbohydrate

Cell Specimen

Fluid Specimen

Protein

Lipid

Nucleic Acid

PCR Product

Primer

Small Molecule

Tissue Specimen

Whole Organism

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◆ Inventory (cont.)

- Container – Category, Subcategory, Type (as template seed data)
- Simple vs Composite vs Complex
- Layout – geometric definition; default for each Container.type
- FillPattern – default for each Layout; used in auto-fill
- Create singly or as set of child containers
- Transfer within parent container or between containers
- Track tube in box in rack or slide in box in rack or well in plate in rack, etc.

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caLIMS v2 Administration Customer Service **Inventory** Report

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Manage Service Page

Query ▼


Create New Service Search For All Services

Container


- Biospecimen
- Container**
 - Container
 - Container Subcategory
 - Container Type
 - Layout
 - Fill Pattern
- Strain
- Hazard
- Taxon
- Additional Organism Name
- Antigen
- Chemical Compound
- Lab Supply
- Artificial Specimen


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caLIMS v2 DWG - 3/29/11: caLIMSV2.c3i0 – I5

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List Container Type Page [Help](#)

Action	Display Name	Description	Container Subcategory	Default Layout	Composition
  	box_polypropylene_9x9	9x9, maxVol=81, suitable for freezer storage	Polypropylene	9 Rows by 9 Columns	Complex
  	cannister_containment_infectious_1x1_10ml	infectious containment cannister for up to 10 ml volumes, maxVol=10 ml	Containment	1x1Default	Simple
  	cannister_leadlined_1x1	lead-lined cannister for radioactive storage	Lead-Lined	1x1Default	Simple
  	cassette_biopsy_1x1	holds biopsy samples for storage	Biopsy	1x1Default	Simple
  	cassette_goblet_12_1	Goblet with 12 visotubes (for straws) per goblet	Goblet	1 Row x 12 Columns	Complex
  	cassette_straw_10x1	holds 10x1 straws	Straw	1 Row by 10 Columns	Complex
  	cassette_tissue_1x1	holds tissue samples for embedding	Tissue	1x1Default	Simple
  	collectionCard_filterSpotCard_ftaDMPK-Ax4x20ul	filter spot card FTA DMPK-A with 4 spots (maxCapacity) and each spot takes 20 ul. Each spot will be treated as a sample with punches being the aliquot.	FilterSpotCard	1 Row by 4 Columns	Complex

Manage Container Type Create New Container Type

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 Lab Manager Magazine
White Paper: How to Seamlessly Integrate MSDSs with ...
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caLIMS v2 DWG - 3/29/11: caLIMSV2.c3i0 – R1

◆ Report

- Query – tool for simple queries that Lab staff can use
 - » Each query has a major entity and can be used to filter long lists
 - » Can copy existing query and modify and save as new
- Report Design
 - » Based on iReport *.jrxml files
 - » Template .jrxml files with release; Can be modified using iReport functions
- Report creation and generation
 - » Report = Report Design + Query (all based on same entity)
 - » Report generation/history – each time a report is executed, a copy is saved to the system which contains the information returned as of that time of execution.
 - » Report formats – save or open; pdf = default but can also do rtf or xls.

caLIMS v2 DWG - 3/29/11: caLIMsv2.c3i0 – R2

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Create/Update Query Page [Help](#)

Name *

Display Name *

Description


Type

Container

- coordinate.x
- coordinate.y
- createdBy
- dateCreated
- dateModified
- description
- displayName
- isReusable
- isTemplate
- modifiedBy

Change Main Entity

Container

Property	Operator	Value	Connector
 containerType.name	Is Like	<input type="text" value="%Bag%"/>	

Add Clause

* Use '%' for multicharacter wildcards and '?' for single character wild card searches. Searches are case sensitive.

Save

Cancel

Create New Type

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◆ Customer Service


- Define: Customer request, service, service item, account, account number, contract, invoice
- Define Service – each service must have at least one Service item (will eventually be tied to Experiment Method/Procedure/Run)
- Rates – can have multiple rate types (internal, external, discount, multi)
- Pricing and Account/account number designation is per Service Item
- (next slide for event flow scenario)


Note: still some issues with Billing Information and Invoices – we could use some community input to prioritize any future efforts.

caLIMS v2 DWG - 3/29/11: caLIMsv2.c3i0 – C2

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






















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List Services Page [Help](#)

Action	Display Name	Description	Status	Type	Is Template?
    	Affymetrix U133P2	A Service for Affymetrix U133P2 Array protocol for Human gene expression.		Array-based Gene Expression	true
    	Affymetrix SNP6 - CNV	A Service for Affymetrix SNP6 array assay for Copy Number Variation (CNV).		Array-based Copy Number Variation	true
    	Affymetrix SNP6 - SNP	A Service for Affymetrix SNP6 Array protocol for SNP detection.		Array-based SNP Genotype	true
    	Affymetrix SNP6 - SNP + CNV	A Service for the Affymetrix SNP6 array method for determining both SNP and CNV.		Array-based SNP+CNV	true
    	Consultation: Array-based Experiment Design	A Service for Consultation with Core Facility staff on array-based experimental design.		Consultation	true
    	Consultation: NextGen Sequencing Experiment Design	A Service for Consultation with Core Facility staff on NextGen Sequencing experimental design.		Consultation	true
    	Custom Service1	A Service for custom items.		Consultation	true
    		A Service for Quality control tests on DNA: including			

Manage Services Create New Service

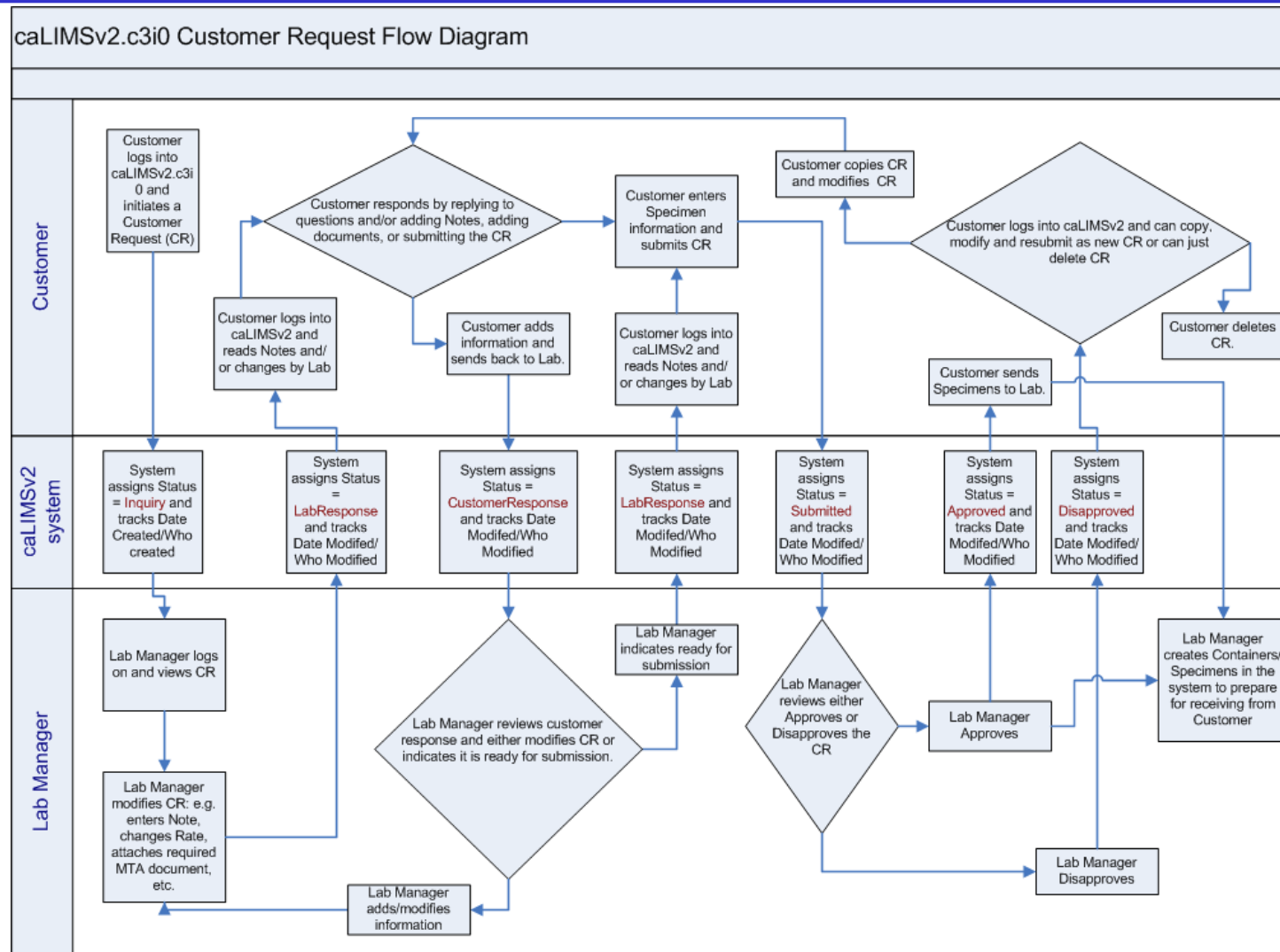
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◆ Customer Service (cont.)


– Flow for customer request:



- » customer creates CR (status = 'Inquiry')
- » LM either approves (status = 'Approved') or comments back to customer (status = Lab response)
- » customer either comments back (status = 'Customer response') or submits as official request (status = 'Submitted')
- » LM either approves (status = 'Approved') or comments back (status = 'Lab response') or does not approve (status = 'Rejected').
- » When 'Approved', LM can then create sample/container information for anticipated samples and track receipt of samples into lab.
- » When work is completed and approved, LM enters completed date and status changes to 'Completed'.

caLIMS v2 DWG - 3/29/11: caLIMSV2.c3i0 – C4 CS flow



caLIMS v2 DWG - 3/29/11: caLIMSV2.c3i0 – C5 CS flow

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
List Customer

Customer Request

Account
Billing Information
Contract
Rate

Customer Request
Invoice
Service

Help

Action	Description	Status	Type	Customer Name	Customer Account
	2021-01	Approved	Internal	User	Account1
	CR-C1-02222011-02	Inquiry	Internal	User	Account1
	CR-C12011-004	Rejected	Internal	User	University1 Account
	CR-C12011-004R	Inquiry	Internal	User	University1 Account
	CR-C2-101	Approved	External	User	Demo University 2 A
	CR-C2Demo020	Inquiry	External	User	Demo University 2 A
	CR-Customer1-2011-002	Approved	Internal	User	Account1
	CR-DemoC1-302	Approved	Internal	User	Account1
	CR-DemoC2-102	Approved	External	User	Demo University 2 A


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caLIMS v2 DWG – 3/29/11: caLIMsv2.c3i0 – T1


- ◆ Templates and seed data
 - ‘Type’ valid values
 - ‘Status’ values per entity
 - Roles – defined per LS BAM/DAM
 - Container Category, Subcategory, Type
 - Layout
 - Fill pattern
 - *.jrxml files for major entities
- Additional data to support the goal of working immediately after installation

caLIMS v2 DWG – 3/29/11: caLIMSV2.c3i0 – T2

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List Container Type Page [Help](#)

Action	Display Name	Description instruments	Container Subcategory	Default Layout	Composition
  	plate_384-well_Storage_120ul	384-well plate, 120 ul maxVol, U-bottom, for storage	384-Well	16 Rows by 24 Columns	Composite
  	plate_384-well_Storage_240ul	384-well plate, 240 ul maxVol, U-bottom, for storage	384-Well	16 Rows by 24 Columns	Composite
  	plate_96-well_Filter1_200ul	96-well plate, 200 ul maxVol, Filter type 1, for PCR cleanup	96-Well	8 Rows x 12 Columns	Composite
  	plate_96-well_Filter2_200ul	96-well plate, 200 ul maxVol, Filter type 2, for sequencing rxn cleanup	96-Well	8 Rows x 12 Columns	Composite
  	plate_96-well_PCR_200ul	96-well plate, 200 ul maxVol, V-bottom, for PCR instruments	96-Well	8 Rows x 12 Columns	Composite
  	plate_96-well_Storage_200ul	96-well plate, 200 ul maxVol, U-bottom, for storage	96-Well	8 Rows x 12 Columns	Composite
  	plate_96-well_Storage_2ml	96-well plate, 2.0 ml maxVol, U-bottom, for storage	96-Well	8 Rows x 12 Columns	Composite
  	plate_96-well_Storage_500ul	96-well plate, 500 ul maxVol, U-bottom, for storage	96-Well	8 Rows x 12 Columns	Composite

[Manage Container Type](#) [Create New Container Type](#)


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caLIMS v2 DWG – 3/29/11: caLIMSV2.c3i0 – UG1


◆ User guide

- wiki based (linked for context-specific per caLIMSV2.c3i0.0 web page)
- By module with contents
- Glossary
- Appendices
 - » Status values
 - » Container information (Container Category, Subcategory, Type, Layout, Fill pattern)
- Examples
 - » Location diagram
 - » Example containers
 - » Other suggestions?

caLIMS v2 DWG – 3/29/11: caLIMsv2.c3i0 – UG2

 National Cancer Institute


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

 **NCI Wiki**

[New Account](#) [Helpful Tips](#)

[Dashboard](#) > [ICR - caLIMS2](#) > ... > [caLIMS v2 User Documentation](#) > [caLIMS v2 User's Guide](#)

[Browse](#) > [Jenny Kelley](#) >

 **caLIMS v2 User's Guide**

Added by Rachel Shortt, last edited by Jenny Kelley on Mar 09, 2011 ([view change](#))


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caLIMS v2 User's Guide

This user guide provides the task-oriented instructions for using caLIMS v2.c3i0, a milestone release for an open source, basic Laboratory Information Management System (LIMS) that can be integrated with caBIG® applications and services (for example, caArray and caTissue).

The caLIMS v2 User Guide has the following chapters.

- [1 - Introduction v2](#)
- [2 - Using caLIMS v2 for Lab Administration](#)
- [3 - Managing Customer Service Tasks v2](#)
- [4 - Managing Inventory v2](#)
- [5 - Working with Reports v2](#)
- [Appendices v2](#)


 **To Print the Guide**
You can create a PDF of this guide. For instructions, refer to the tip [How do I print multiple pages?](#). If you want to print a single page, refer to [How do I print a page?](#)

Getting Support


- [Application Support Email](#)
- Telephone: 301-451-4384
- Toll free: 888-478-4423

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caLIMS v2 DWG – 3/29/11: caLIMSv2.c3i0 – UG3

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 NCI Wiki

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[Dashboard](#) > [ICR - caLIMS2](#) > ... > [5 - Working with Reports v2](#) > [Before You Begin Working with Reports v2](#)

[Browse](#) ▾ [Jenny Kelley](#) ▾

 **Before You Begin Working with Reports v2**

[Edit](#) [Add](#) ▾ [Tools](#) ▾

Added by Rachel Shortt, last edited by Rachel Shortt on Mar 21, 2011 ([view change](#))

[5 - Working with Reports v2](#) [Managing Queries v2](#) ⇨

Before You Begin Working with Reports v2


This section includes the following topics.

- [Overview of Report Creation](#)
- [About Report Designs and Using iReport](#)

Overview of Report Creation

In caLIMS v2.c3i0, report creation involves the following steps.

1. [Creating a Report Design](#), including the layout and parameters to represent data, using the Open Source tool Jasper Reports/iReport. When you create a report, you will have to specify a design for the report. Therefore, a report design must exist before report creation.
2. [Defining Queries](#) that can be included in reports.

 **Note**

You may also just create queries that will be used in the system, independent of reports. All relevant queries for an entity will appear on that entity's related Manage page.

3. [Creating the Report](#), a combination of a Report Design plus a Query.

About Report Designs and Using iReport

In caLIMS v2.c3i0, the report design defines the layout of how a report will appear once it is generated. caLIMS v2.c3i0 consumes XML files for report designs (with the .jrxml extension), which are created using the third party, open source software application, [iReport](#), by [Jaspersoft](#).

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caLIMS v2 DWG – 3/29/11: caLIMsv2.c3i0 – T0

To report bugs and suggest improvements, we are using the NCI Tracker (JIRA) project site for caLIMS2. Users can request an account and then access the caLIMS2 Tracker project to log an issue - whether a bug, improvement, or new feature request.

- To access the NCI Tracker Login and request an account, click on the [NCI Tracker Login link](#) and follow the instructions on the Request Account page.
- To access the [caLIMS2 Tracker project](#), go to the [Tracker Dashboard](#) and scroll down to caLIMS2 link and click. This will put you at the caLIMS2 home dashboard.
- There are two links that can be used to log issues: 1) the quick links in the upper right side (Create: Bug, Improvement, Other (New Feature)) can be used to create an issue. Click on the type of issue you want to create and follow the instructions; and 2) in the top upper right corner, there is a "+ Create Issue" link to log an issue. Click on this link, choose the type of issue, and follow the instructions.
- Using either of these methods will result in a screen for you to fill in details and upload documents related to the issue - such as screen shots. Fill in the information (use version = development and tier = backlog) and click Save.

caLIMS v2 DWG – 3/29/11: caLIMSV2.c3i0 – T1

The screenshot shows the caLIMS v2 web application interface. The top navigation bar includes the National Cancer Institute logo, the text "National Cancer Institute", "U.S. National Institutes of Health | www.cancer.gov", the user name "Jenny Kelley", and a "Quick Search" box. Below this is a secondary navigation bar with tabs for "Dashboards", "Projects", "Issues", "Agile", and "Administration". A red circle highlights the "Issues" tab. To the right of the navigation bar is a "+ Create Issue" button, also circled in red. Below the navigation bar is a sidebar with a "caLIMS2" logo and a list of links: "Summary", "Issues", "Road Map", "Agile", "Change Log", "Popular Issues", "Calendar", "Versions", "Components", "Labels", and "Source". The main content area is divided into several sections. The "Summary" section is circled in red and contains a "Description" with the text "LPG caLIMS2 project", a "URL" of "https://wiki.nci.nih.gov/display/caLIMS2", a "Lead" of "Sasikumar Thangaraj", and a "Key" of "CALIMS2". To the right of the "Summary" section is a "Versions: Due" section with a "Backlog" and two versions, "0.1" and "0.2". Below the "Summary" section is an "Issues: Due" section with three issues: "CALIMS2-598" (Problem with Query in version c3i0: fails on criterion 'status' even when correct values used.), "CALIMS2-599" (Query AllContainers does not return containers made as child containers), and "CALIMS2-602" (Now getting exception error when try to associate an ExternalID with a Specimen.). To the right of the "Issues: Due" section is an "Activity Stream" section, also circled in red, which shows a list of activities. The first activity is dated "March 28" and describes Jenny Kelley resolving CALIMS2-639. The second activity is dated "March 24" and describes Jenny Kelley commenting on CALIMS2-639. At the bottom of the main content area is an "Issues: 30 Day Summary" section with a bar chart showing the number of issues over a 30-day period. The chart has a y-axis labeled "Issues" ranging from 12 to 28 and an x-axis representing time. The bars show a steady increase in the number of issues over the 30-day period, starting around 16 and ending around 26.

caLIMS v2 DWG – 3/29/11: caLIMSV2.c3i0 – T2

National Cancer Institute | U.S. National Institutes of Health | www.cancer.gov | Jenny Kelley | Quick Search

Dashboards | Projects | **Issues** | Agile | Administration | + Create Issue

caLIMS2

Summary

- Issues
- Road Map
- Agile
- Change Log
- Popular Issues
- Calendar
- Versions
- Components
- Labels
- Source

Current Filter

caLIMS2_All_Issues_List (631 issues)

Search for Issues

Create Issue

Recent Issues

- CALIMS2-641 Application Help b...
- CALIMS2-639 Task: add the caLI...
- CALIMS2-640 Manage Invoice is ...
- CALIMS2-632 Link subflow for c...
- CALIMS2-638 Naming Convention ...
- more...

Favorite Filters

- caLIMS2_All_Issues_List
- caLIMS2_BlockerCritical_Issues_List
- JMK issue list
- JMK_IssuesList
- Manage Filters

caLIMS2_All_Issues_List - List of all issues for caLIMSV2 project.

Now getting exception error when try to associate an ExternalID with a Specimen.

Issues: 30 Day Summary

Versions: Due

- Backlog
- 0.1
- 0.2

Activity Stream


March 29

- Jenny Kelley resolved CALIMS2-641 (Application Help button should support different link to User Guide for every web page.) saying: Mike Connolly and Cu Nguyen fixed this issue. The Help button is now linked to the context-specific page in the caLIMS User Guide wiki. This in the newest code version from Cu.

March 28

- Jenny Kelley started progress on CALIMS2-641 (Application Help button should support different link to User Guide for every web page.)
- Jenny Kelley resolved CALIMS2-639 (Task: add the caLIMSV2.c3i0 User Guide links to the screen pages "Help" button.) saying: Mike and Cu have fixed this in Cu's version.
- Jenny Kelley changed the Assignee to " on CALIMS2-639 (Task: add the caLIMSV2.c3i0 User Guide links to the screen pages "Help" button.)
- Jenny Kelley commented on CALIMS2-639 (Task: add the caLIMSV2.c3i0 User Guide links to the screen pages "Help" button.) saying: This was resolved by Mike Connolly and Cu Nguyen. Cu was able to add in the context-specific links to the current version of caLIMS v2.c3i0.

caLIMS v2 DWG – 3/29/11: caLIMSV2.c3i0 – T3

 National Cancer Institute
U.S. National Institutes of Health | www.cancer.gov
Jenny Kelley | Quick Search

Dashboards | Projects | Issues | Agile | Administration | Create Issue

Issue Navigator — caLIMS2_All_Issues_List

Summary Edit New Manage

Filter: caLIMS2_All_Issues_List

Description:
List of all issues for caLIMSV2 project.

Summary

Project: caLIMS2

Sorted by: Key descending

Operations

Rename or Share the current filter

Save as new filter

Subscriptions for current filter

Displaying issues 1 to 50 of 631 matching issues. 1 2 3 4 5 6 7 8 9

T	Key	Summary	Assignee	Reporter	P	Status	Resolution	Created
	CALIMS2-641	Application Help button should support different link to User Guide for every web page.	Jenny Kelley	Jenny Kelley		Resolved	Fixed	Thursday, 24 Mar 2011
	CALIMS2-640	Manage Invoice is missing attributes/functions.	Sasikumar Thangaraj	Jenny Kelley		Open	Unresolved	Wednesday, 16 Mar 2011
	CALIMS2-639	Task: add the caLIMSV2.c3i0 User Guide links to the screen pages "Help" button.	Unassigned	Jenny Kelley		Resolved	Fixed	Friday, 11 Mar 2011
	CALIMS2-638	Naming Convention List Page - an improvement would be to add the Copy functionality.	Sasikumar Thangaraj	Jenny Kelley		Open	Unresolved	Friday, 11 Mar 2011
	CALIMS2-637	Word Create/Update page is missing the isIncremented attribute.	Sasikumar Thangaraj	Jenny Kelley		Open	Unresolved	Friday, 11 Mar 2011
	CALIMS2-636	Word Create/Update page error - user cannot modify an existing ,or create a new, Word now.	Sasikumar Thangaraj	Jenny Kelley		Open	Unresolved	Friday, 11 Mar 2011
	CALIMS2-635	Naming Convention Create/Update Page is missing attribute "grouping"; other missing attributes are handled through Status?	Sasikumar Thangaraj	Jenny Kelley		Open	Unresolved	Friday, 11 Mar 2011
	CALIMS2-634	A user cannot create or modify a Naming Convention in this version.	Sasikumar Thangaraj	Jenny Kelley		Open	Unresolved	Friday, 11 Mar 2011
	CALIMS2-633	Naming Convention Type - on NC List page, Type column entries do not match Administration.Type.NamingConvention entries.	Sasikumar Thangaraj	Jenny Kelley		Open	Unresolved	Friday, 11 Mar 2011
	CALIMS2-632	Link subflow for contact information to Location.	Sasikumar Thangaraj	Jenny Kelley		Open	Unresolved	Monday, 7 Mar 2011
	CALIMS2-631	Relook at new caLIMS logo and make more integrated into header and maybe	Sasikumar Thangaraj	Jenny Kelley		Open	Unresolved	Thursday, 3 Mar 2011

caLIMS v2 DWG – 3/29/11: caLIMSV2.c3i0 – T4

National Cancer Institute U.S. National Institutes of Health | www.cancer.gov Jenny Kelley | Quick Search

Dashboards | Projects | Issues | Agile | Administration

caLIMS2 / CALIMS2-641

Application Help button should support different link to User Guide for every web page.

Edit Assign Comment More Actions Move to QA Verified Move to Reopened Workflow

Details

Type:	Bug	Status:	Resolved
Priority:	Major	Resolution:	Fixed
Affects Version/s:	Backlog	Fix Version/s:	None
Component/s:	caLIMS Global		
Labels:	None		
Status:	Resolved		
Tier:	Development		
Ranking:	544		

Description

Application Help button should support different link to User Guide for every web page. The project design and discussions supported and defined that 'context-specific' User Guide links would be available to the user through the current page Help button. Currently, the Help button only supports one master link to the caLIMSV2.c3i0 wiki User Guide. The UI design needs to support a separate UG link for each web page to enable the 'context-specific' Help button functionality.

Activity

All Comments Work Log History Activity Source

Jenny Kelley added a comment - Tuesday, 29 Mar 2011 08:57 AM
Mike Connolly and Cu Nguyen fixed this issue. The Help button is now linked to the context-specific page in the caLIMS User Guide wiki. This in the newest code version from Cu.

Comment

Create Issue

Project: caLIMS2

Issue Type: Bug

Create Cancel

People

Assignee: Jenny Kelley

Reporter: Jenny Kelley

Vote (0) Watch (0)

Dates

Created: Thursday 4:12 PM

Updated: Today 8:57 AM

Resolved: Today 8:57 AM

caLIMS v2 DWG – 3/29/11: caLIMsv2.c3i0 – T5

National Cancer Institute U.S. National Institutes of Health | www.cancer.gov Jenny Kelley | Quick Search

Dashboards | Projects | Issues | Agile | Administration | [+ Create Issue](#)

Create Issue

Project **caLIMS2**

Issue Type Bug

Assignee [Assign To Me](#)

Priority * ?

Summary *

Description *

?

Component/s

Start typing to get a list of possible matches or press down to select.

Tier
Production
Development
Sandbox
Stage

Affects Version/s [Backlog X](#)

Start typing to get a list of possible matches or press down to select.

Fix Version/s

Start typing to get a list of possible matches or press down to select.


Attachment

The maximum file upload size is 2,048.00 MB.



Original Estimate (eg. 3w 4d 12h) ?

An estimate of how much work remains until this issue will be resolved.
The format of this is ' *w *d *h *m ' (representing weeks, days, hours and minutes - where * can be any number)

caLIMS v2 DWG - 3/29/11: caLIMSV2.c3i0

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caLIMS v2 Administration Customer Service **Inventory** Report

User logged as: **superuser1** | [Logout](#)

User Home Page

 Help

caLIMS v2

Today is: 2/28/11

Welcome: Super User

Your Current Projects:

Laboratory Updates:

Biospecimen ▶

- Antibody
- Carbohydrate
- Cell Specimen
- Fluid Specimen
- Protein
- Lipid
- Nucleic Acid
- PCR Product
- Primer
- Small Molecule
- Tissue Specimen
- Whole Organism

Container ▶

Strain

Hazard

Taxon

Additional Organism Name

Antigen

Chemical Compound

Lab Supply

Artificial Specimen ▶

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caLIMS v2 DWG - 3/29/11: Update from BIM

◆ Update

- Need some help with additional leadership/coordination
- Contact Jenny Kelley if interested: kelleyj@mail.nih.gov
- CBIIT SAIF and ECCF presentation – did not receive slides and links to post; will pursue if there is an interest?
- Comments?

caLIMS v2 DWG - 3/29/11: Documentation Update

- ◆ Documentation
 - Rachel Shortt (documentation lead)
 - Wiki-based – open to community now
 - » Admin - have a few updates to make
 - » Inventory – done
 - » Reports – done
 - » Customer Service – done
- ◆ Suggestions/feedback welcome
 - Based on other experiences with applications
 - Contact Jenny or Rachel if have suggestions:
shorttrd@mail.nih.gov

caLIMS v2 DWG - 3/29/11: Community Discussion

- ◆ caLIMS v2.c3l0 – additional suggestions/feedback?
 - Recommendation for members to get release and install and test and then think more about the BIM
 - Make clear where documentation will be located
 - » caLIMS wiki site
 - » caLIMS2 Tracker (JIRA) project
- ◆ Other discussion topics?

caLIMS v2 DWG 3/29/11: next meetings

- ◆ caLIMS v2 DWG: 1st and 3rd Tuesdays at 1 pm ET
 - April 5, 2011 – budget updates; prioritization of additional features for future release; implementation feedback.
 - April 19, 2011 – feedback from caLIMS v2.c3i0.0 implementations; what does community want to do?

- ◆ NCI CBIIT LIMS Consortium monthly meeting: 4th Monday at 3 pm ET
 - April 25, 2011 - suggest a topic 😊!
 - May 23, 2011 - suggest a topic 😊!

END

◆ Questions/comments?