



Limfinity®

Version Change Logs

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Change Log

Limfinity®

Version 7.0.0		<i>Release Date:</i>
Feature		
#4206	Enable Script method for Workflow Transition – params [:file] = file.path	
#5331	Ability to move tools between states	
#5332	Ability to copy tool between states	
#5333	Ability to Share tools between states	
#5801	Basic iPad improvements for usability	
#5802	Advanced iPad improvements for usability	
#5972	Sorting on multiple columns	
#7535	Migrate to Rails framework version 5	
#7978	Explorer Report to export file based on UI view	
#8508	Allow European number format – comma instead of decimal point	
#8524	Add Range operator to advanced search	
#8635	Audit Log – divide Role right	
#9083	Allow showing Adv. Search toolbar on formula UDFs returning Subject Lists	
#9643	Add Germany to the list of Country Settings	
#9644	Allow Advanced Search tool to display at top of all grids – specifically Formula UDFs	
#9879	Show tools from Adv. Search results	
#9934	Order of columns in a list (and which columns should be displayed) has to be user-specific and saved in the user profile	
#10142	Change Advanced Search “None of” operator function	
#10377	Upgrade to ExtJS 6.5.1, classic toolkit	
#10378	Upgrade to Ruby 2.4.2	
#10383	Replace CodeMirror with Monaco Code Editor	
#10384	Replace HTML editor with Monaco Code Editor	
#10385	Delete the calendar component from Limfinity	
#10386	Update Gantt charts to latest library version	
#10394	Ability to sort a grid by multiple columns	
#10396	Saving user search preferences in Limfinity grids	
#10397	Show explorer tools in Advanced Search – missing add record button	
#10398	Better management of left panel (QLs, Explorer, etc.). Use new Ext 6.5 controls	
#10415	New Tool Manager	
#10416	Ability to keep extra workflow buttons defined in customer instances in BRICKS when BRICK import is performed	

#10418	Add a “Share” option to a subject record page
#10419	General preferences: option to specify system glyph (to show in upper left corner)
#10428	On background job completion, send user who started the job an email saying that the job is complete/allow running background jobs without logged in user
#10712	Add ‘Generate PDF’ option for browser-based printing
#10826	Role = User is not able to share a Saved Search folder
#10827	Reports – General Report – Export List
#10837	Add ability to upload system logos to display on login page
#10918	Add “Add Search Condition” as choice at top of column
#10921	Change tool tip in Import Subjects to prompt users for CSV OR XLSX file
#10969	Add ability to show UDF in Explorer list as hyperlink, rather than system Name
#10994	BRICK Import improvements
#11007	Role Descriptions
#11008	BRICK enabling / disabling
#11097	Settings & Preferences => Users. By default, do not show disabled Users
#11098	In User and System settings. Replace Country Settings with UI Language
#11102	Remove Export/Import to JSON. These are now replaced with BRICKs
#11103	Working with UDFs in Subject Type editor and other places should support multiple selection
#11120	VM – Ability to rename/set the name of the Backup Limfinity Database
#11164	Mark subjects as “Favorite”
#11201	Concurrent sessions in SAML-enabled instances
#11212	Add ability to specify default sort columns & sort direction in grid configuration
#11213	When background job completes, send e-mail to the user that started it if they were logged out at the time of completion
#11262	Add support for turning on/off ELN, Pedigree, Box/Plate, Chat modules vi Limfinity activation
#11265	Add support for Artificial Neural Networks and Machine Learning
#11296	Add more login wallpapers
#11426	Change the order of labels when printing multiple copies of labels for multiple subjects
#11429	Disable ‘Activity by User’ option in v7.0
#11569	Allow “No Access” subject type Test to appear in Advanced Search
#11578	Allow filtering of queries by text and subject type

Version 6.6.0	<i>Release Date:</i>
Feature	

#11086	Allow class loading to override any class from the base BRICK
#11476	Quick Links should allow to choose a Run script and pass it the subj. tool and user (like tools)

Version 6.5.2		<i>Release Date:</i>
Feature		
#11600	Make the “Company Name” standout on login screen more	

Version 6.5.1		<i>Release Date:</i>
Feature		
#10030	An option to produce Gantt Chart with AmChart is not enabled in 6.5.0 – it would be useful to add	
#10128	Make it possible to use functions for tool conditions of type “Run Script”	
#10146	Implement forced logout instead of session lock after inactivity timeout for SSO sessions	
#10147	Add new gem EmailAddress for more sophisticated e-mail address checking	
#10224	Add subject type extension method for barcode tag generation	
#10225	Make it possible to skip calling after_create_final when subject is created using create_subject scripting method	
#10233	Call before_create_callback subject type extensions when new subject being created	
#10238	Switch to email_address gem for more strict e-mail validations	
#10309	Add new logging system that allows logging to syslog	
#10660	Inactivity Warning and Full Stop	
#10842	Added support for System Read Only mode	
#10848	Rollback of Feature #6217: Printers should be handled as any other object during promotion	

Version 6.5.0		<i>Release Date:</i>
Feature		
#8876	Add Uninstall BRICK operation	
#9053	Allow to submit disabled fields as empty values	

#9073	Add init reaction for components inside activity form
#9085	Framework feature to allow Explorer Tools access the entire data set vs. selecting each records
#9105	Add shareable execution Context to ScriptRunner
#9111	Add ability to put a newly created subject into a workflow from create subject Scripting call
#9121	Refactor ScriptRunner._find...methods
#9143	Simplify use of classes and modules defined within helper scripts
#9201	Add return type “Subject” for Formula UDFs
#9222	Add force_user_reset_password Scripting method
#9290	Permission checking optimization
#9369	Pass UI context (data source with all parameters, tab parameters, sort order, etc...) to explorer tools
#9510	Command line export/import of bricks
#9622	Add new UDF type “Large Text”
#9623	Show installed BRICKS in About screen
#9751	Add an ability to customize login/change password/locked screens based on a custom helper script
#9794	Add a flag to File UDF that would allow to access the file without being logged into the system
#9957	It would be good to support “Custom UDFs” for workflow transitions
#9958	Generate UUID for any subject
#9964	Feature #9964: Add support for QR Code 2D barcodes in web printing mode
#9979	Add Chinese font support for Zebra printers

Version 6.4.5		<i>Release Date:</i>
Defect		
#10034	HL7 gem should support decoding of escape sequences corresponding to misc delimiters	
#10376	QuickLinks and Workflow transitions do not support send_file and some other returning parameters	

Version 6.4.5		<i>Release Date:</i>
Defect		
#9238	Printing bug of Brady Printer	
#9562	Formula UDFs returning Subjects cannot be used in conditions with reverse direction	

#9882	Text Field and Text Area UDFs should be displayed with HTML escaping everywhere across the UI
#9889	Subject permission is not correctly calculated for Subject Hierarchies with back ref links
#9913	Label_col is undefined – Printing using multi-column multi-row label templates
#9918	Hide option to use functions on all formula UDFs in UI Advanced Search
#9930	Show loader mask and disable Reload button while subject properties are loading
#10003	Liquid filters are not supported in e-mail templates
Feature	
#9552	Make it possible to set value for UI fields SubjectField and SubjectsField without sending lookup request to the server
#9762	Add Vertical offset from the top of the page for Barcode Printers
#9822	Add control of font size to Barcode Printers
#9824	Enable various font styles for text labels in Barcode Printers
#9931	Performance optimization for search queries with logical operation OR over multiple branches with UDFs
#9943	Expand ‘call_external_service’ method for allow for :get HTTP method
#9976	Allow condition editing of subject hierarchy nodes

Version 6.4.3		<i>Release Date:</i>
Feature		
#9448	Support background execution in Explorer Subject Picker too	

Version 6.4.2		<i>Release Date:</i>
Feature		
#8943	ScriptRunner.call_api should support GET and PUT HTTP requests	
#8986	Add before_delete_action callback which can be defined in extensions in subject type	
#9016	Improve Activity Monitor and information written to logs about running background jobs	
#9074	Add new mailing address parser library	
#9275	Add “rows per page” setting for Barcode Printers	

#9331	Pass UI context (data source with all parameters, tab parameters, sort order, etc...) to explorer tools
#9372	It should be possible to use “Explorer: Subject Picker” tool without selection
#9014	LimitLIS Feature – Add support for HL7 2.7 new fields in segments to our Ruby HL7 library in framework

Version 6.4.1		<i>Release Date:</i>
Feature		
#8708	Logout button	
#8923	Allow up to 50 columns in grid list	

Version 6.4.0		<i>Release Date:</i>
Feature		
#5334	Electronic signatures using federated login	
#5571	Allow case-insensitive conditions for string/text properties in query engine	
#6840	Add new UDF type: User Field	
#6987	Add activity monitor	
#7084	Add support for background execution of helper scripts via web API	
#7349	Add optimistic locking to Edit Subject Fields workflow tool	
#7444	Add ability to have workflows for configuration subjects	
#7496	Add priorities to subject hierarchies	
#7746	When selecting Browser printing, left offset should be set to 0 automatically	
#8019	Make resizable and maximizable dialogs with code editors	
#8021	New icons	
#8022	Add Limfinity BRICKS	
#8023	Add scripting help	
#8024	Show UDFs for Users and User Groups	
#8028	Upgrade code editors to the latest version	
#8086	Show mini box/plate map in Explorer when user clicks [+] expand sign	
#8087	Audit changes storage refactoring and set_value optimization	
#8088	Add ability to customize subject list grid parameters	
#8118	New tool: Explorer Subject Picker	
#8119	Add ability to set audit log comment in workflow edit subject tool	
#8144	Allow to sort grids opened from scripts on arbitrary UDF	

#8430	Add ability to select time zone for each user in User Preferences
#8485	All subjects should always have UUID
#8502	Add Subject Extension method get_tab_name
#8506	Search grid UDFs should be filterable
#8565	Add conditions to Subject hierarchy nodes
#8656	Make it possible to edit UDFs of type Date in subject group edit WF tool

Version 6.3.3		<i>Release Date:</i>
Feature		
#9746	Add an ability to customize login/change password/locked screens based on a custom helper script	
#9792	Add a flag to File UDF that would allow to access the file without being logged into the system	

Version 6.3.2		<i>Release Date:</i>
Defect		
#7701	The maximum length of text field/area values is different if the database is newly created with version >=6.1 or was migrated from versions prior to 6.1	
#7759	OK button sometimes is not re-enabled after error message is displayed by Run Script wf tools	
#7803	Subject UDF as parameter, the search and add tool (the three dots beside the plus sign) does not work	
#7954	Subject List UDFs do not permit submitting a selection of more than 25 subjects when using the search function	

Version 6.3.1		<i>Release Date:</i>
Defect		
#7454	Execute_query scripting method throws an exception when query select expression calls aggregate function against plain text SQL Formula UDF	
#7456	Send_email scripting method does not send attachments	

#7459	Liquid filter “date” is not correctly applied to values of DateTime and Date UDFs
#7469	Send_email scripting method sends emails to disabled users

Version 6.3.0		<i>Release Date:</i>
Defect		
#3717	Quick Links – Editor’s shortcut opens new browser tab and does not open the edit view when editing a Quick Link of the “Link” style	
#4973	Audit Records are not clear when changes made to CHECKBOX UDF – Needs Improvement	
#4996	Importing Subject Type with JSON is throwing error	
#4997	Workflow JSON export has an issue	
#5140	Error when using apostrophe in Choice UDF values	
#5209	ELN – selecting “Edit Note” option from the drop down menu is not functioning	
#5846	Editing and saving with “View only” permission	
#5879	Advanced Search Issue	
#5989	Batch and Quick search options for UDFs Subjects and Subject Back Ref is not working	
#6537	Signature UDF shows an old image in the subject view after it has just been updated in the signature pad	
#6551	Restaurant Audit link	
#6555	Using workflow tool to create User does not allow to edit the entered info if you make a mistake	
#6577	Clicking on number of subjects returned by Formula UDF implemented in Ruby and returning subject list does not work when the number of subjects is greater than 1	
#6606	Condition script in Workflow Tools and Quick Links is incorrectly displayed and modified if a filter is set in a Helper Scripts view	
#6608	Group Edit dialog – method params[:edit_ids] = [1,2,3] in before script has stopped working	
#6658	API Guide Update – Authentication Token Example and Explanation	
#6659	Incorrect API error message when using auth_token when making API calls	
#6690	User with role right “Manage Users” creating a new user	
#6734	Configuration export tool incorrectly exports user/group membership information when not exporting user accounts	
#6735	Sorting of Activity by User	
#6744	Required fields in the “Add New UDF” dialog box	
#6817	Group Edit for Date/Time UDF – entered values are not displayed	

#6906	Limfinity throws an exception on attempt to get audit records for deleted subject by ID
#6978	Plural name of the Subject Type is not transferred between instances during configuration promotion
#6997	Group Edit – Subject Fields is generating JSON Parse error
#7015	“Open Related...” command should not open anything for subject for which user does not have read permission
#7089	Advanced Search – Query Builder “At Least One Of” does not build automatically
#7134	Description of User Groups is not transferred between instances during configuration promotion
#7202	Subject Type does not open
#7212	UDF fields for Subject Type
#7215	Subj.copy_properties_from scripting method incorrectly works with UDFs of type File
#7241	Barcode Label Printing (IP Address or Web-Print) – for Date/Time UDF value only Date is displayed on printed label
#7259	Standard fields (like Name) selected in the configuration of Edit Subject tool are not transferred between instances during promotion
#7263	Sorting in Group Edit dialogs does not properly work on UDFs of type Subject and User
Defect	
#3039	Limfinity-FreezerPro Integration – ability to add Sample ID and Sample Source UDF
#5974	Link the first and last name columns in the to-do list to the patient
#6222	Dashboards/Scripting DataMining – Add ability to access workflow and state history
#6232	Add support for link directions in subject hierarchies
#6234	Add scripts to check Hide/Show conditions for Workflow Tools and Transitions
#6250	Remove QuickBooks Integration
#6251	SubjectField and SubjectsFields should be able to display arbitrary field of linked subject(s) instead of name
#6253	Add support for uploading Terms of Use (custom Legal Terms)
#6282	Add ability to sort on arbitrary property/UDFs in find_subjects scripting method
#6284	Add retrieve username / reset password functionality
#6504	Move Console and RFID Logs to tabs. Add refresh button
#6509	Add Rails web console to access DB. From Console Log tab
#6549	QE: Add support for DISTINCT keyword within aggregate functions in QL
#6596	Add new Formula UDF type: Ruby Code returning QL expression
#6602	Extend Subject Hierarchy Editing UI

#6647	Add an ability to send invitational e-mails to newly created users
#6657	Add a new API call for retrieving users activities
#6699	Enable support for grid column sorting from quick links
#6756	Allow sorting of subjects in drop-down of LIMS_SUBJECT and LIMS_SUBJECTS UDFs on arbitrary fields
#6757	Rework Quick Search to make it respect subject permissions
#6812	Make grid/context information accessible in Before Script of explorer tools
#6883	'Accept Terms' checkbox more visible
#6969	Phenotips: pass two more data fields to phenotips
#7091	Make it possible to send emails synchronously from scripts

Version 6.2.0		<i>Release Date:</i>
Defect		
#3989	Subject Type GLP Flag is ON, get ERROR creating Subject with Workflow tool	
#4642	Badge in Oracle is not functioning properly	
#4651	Grid Column of 'Subject of Several Types' UDF does not use Subject Type selected in View Options	
#4749	Subject Alerts are not triggered	
#4818	Configuration import tool- UDF 'Created by' is not transferred	
#4976	Distorted Display when Editing List of Subjects UDF	
#4994	Importing subject with CSV file and date format	
#5000	Workflow Transition tool having issue if you delete and recreate	
#5015	Grid Display with polymorphic Subject UDF	
#5069	Date&Date Time UDF	
#5099	Microsoft Edge browser is not displaying 'Session abandoned' message	
#5222	Auto-Populated checkbox – change to un-checked during the creation of new UDF	
#5251	List of next performers please be alphabetical	
#5252	Help script pages	
#5344	RFID Controller VM status is not corresponding to UI RFID Reader status	
#5488	Advanced search with parameters 'At Least One Of' throws error if you do not have any selection	
#5797	Choice UDF value is not showing in UDF list view	
#5849	Privacy Policy and Legal Terms Links Display Empty Windows	
#5862	Add Subject Tool – Auto-filling UDFs – Auto-filling UDFs which exist for parent subject does not work	

#5866	API Calls – Delete Subject – Possible To Delete Subjects Regardless of Permission
#5867	Date UDF field ‘At Least One of’ parameters is inconsistent
#5876	UDF ‘Date Time’ search format is inconsistent
#5921	The button “View Subject” and “Samples to be Discarded”
#5956	Custom Report – Source Error regarding the Signature Image
#5958	Enabling batch search option for Choice UDF is not working.
#5959	Quick search and Batch search options are not working for Date/List UDF
#5960	Batch search option is not working for Number and Radio Button UDFs
#6013	Date info doesn’t reflect in a grid
#6042	Subject Alert: Can not add more than one condition
#6043	In Oracle DB, the UDF values are not displayed in Subject List View
#6052	Dangerous send in AdminController getLookupValues
#6054	Barcode Printer Config
#6058	Advance Search- Unable to find subjects “Created By” username
#6089	UDF Creation – Naming Fields With By Standard Field Names – Prevent Users From Duplicating Standard Field Names
#6093	Signature Pad UDF – only be able to use Advanced Search
#6106	6.2.0 UDF creation issue (Quick Search AND / OR Batch Search)
#6154	Custom Report (Liquid) Filters are not transferred when importing configuration into non-empty database.
#6156	List of UDFs and their functions tested and results summarized
#6157	Report Template – Undefined Method Error
#6166	Add new record- If the layout is not specified, the dialog is empty
#6271	Support Newer Versions ImageMagick in Limfinity Framework
Feature	
#4100	URL Type UDFs – Ability to use text as hyperlink
#4971	Browser-based label printing
#4986	Rename ‘Reports and Audit’ Icon to ‘Reports’
#4988	Add version number to configuration
#5082	Make it possible to render barcode images in custom reports
#5114	Sign-in locking feature
#5131	Upgrade TrackChanges component to the latest version
#5169	Replace reporting engine with a more efficient one which will not buffer whole dataset in memory
#5257	UDF display
#5329	Allow display of quick links, tools and transitions to be controlled by ruby script or configuration check boxes
#5330	The system shall support the ability to capture a physical signature using a touch screen device
#5657	Add SMS support to Limfinity
#5658	Add Support for fax sending

#5795	Allow adding new Subjects (from a dialog) with a specified layout
#5796	Properly handle terminated flag (do not allow terminated to be selected in UDFs. Added vs Edit)
#5798	3 attempt lockout
#5799	Support date fields in search panel configuration (qb_filters)
#5804	Expand Box/Plate Map UDF type to allow for Numeric schema in Box View
#5806	Support for HL7 messaging
#5904	Add ability to display custom information/controls on the toolbar in subject lists
#5919	It should be possible to change Read Only attribute of subjectfield and subjectsfield form fields on the fly
#5937	Add support for plate scanning
#5969	Grid view for workflow tasks
#5970	Audit Records for Pedigree Screens
#5976	Viewing all ELNs of a Family
#5980	Pedigree Zoom
#5982	'Grids Renders' for changing font not visible on subject page
#6009	It should be possible to specify a script for Alerts which will customize displayed search results tab.
#6217	Change the configuration promotion process so that printers are promoted initially, but not subsequently
#6223	Add condition for script for a quick link
#6287	Allow any custom color on a plate map

Version 6.1.3		<i>Release Date:</i>
#5661	Feature: Make it possible to tweak field configuration from before-script of any tool or quick link	

Version 6.1.2		<i>Release Date:</i>
Defect		
#5007	Batch search does not work for Subject UDFs (General/Explorer Report)	
#5084	Request Timed Out For Subjects Of Project Team BSM With Many Linked Subjects	
#5094	File attachments should not be transferred during multi-site synchronization	

#5095	Configuration import tool and multi-site synchronization tool cannot create new subjects if corresponding subject type was also created in the same transaction
#5134	Configuration import in non-baseline mode should not erase existing baselines
#5222	Auto-Populated checkbox – change to un-checked during the creation of new UDF
#5226	Subject Type attached to (UDF) Subject of several subject types is having issues
Feature	
#5132	Make subject_details api method accept barcode and rfid tags
#5141	Database backup should not backup attachments if they are located on a non-local filesystem
#5213	Add RFID reader support
#5214	Create RFID Controller application which will communicate with Readers and submit tag information to Limfinity
#5215	Add support for RFID controller application to Limfinity framework
#5216	Add RFID Controller management to VM system console.

Version 6.1.1		<i>Release Date:</i>
Defect		
#4901	Next Performer Bug	
#4916	Some users may not be able to log in after upgrade from Limfinity 5.1 or older.	
#4928	Internet Explorer does not properly display “Session abandoned” error message	
#4940	Audit record is displaying the user password (UDF)	
#4951	Changes made in Group Edit Dialog are not always saved	
#4954	Chart and Graph template using subject list is not producing correct chart	
#5979	Missing progress bars for background execution scripts	
#4992	Report export bug	
#4999	Spelling error in one of the error messages	
#5004	Global Import Error When Adding New Supplier Codelist	
#5024	Add/Edit workflow transition dialog loading too slow or times out	
#5025	Add/Edit Group Edit Workflow Tool dialog loading too slow or times out	
#5026	Automatic backup for internal DB does not work	
Feature		

#4909	Add an ability to specify a sender email address for custom email templates in send_email scripting method
#4953	Conditions in listSubjectsQuery Method
#4990	Do not report network errors from background UI tasks
#4991	Ignore first 2 communication errors when performing status polling of background tools and allow tool to continue after communication errors

Version 6.1.0		<i>Release Date:</i>
Defect		
#2677	Text cutoff/not wrapping in Pedigree Tree	
#2722	Delete Subject Type – seeing several different errors	
#3687	Barcode Printer/Printer Preference	
#3754	Pedigree Tree – Displaying Internal ID’s – Incorrect ID Display	
#3755	Pedigree Tree – Displaying Fields – Displayed fields titles are outside the list container	
#3756	Pedigree Trees – Selecting Display Fields – Field highlighting remains after selecting a field	
#3792	Autopopulate ask_next_performer	
#3799	Editing ‘Role’ is not creating an audit log	
#3864	Subject types ending with “IA” or “iA” are decapitalized when pluralized	
#3971	Linking Patients and Records	
#4158	Some backref fields do not sort subjects in list view	
#4161	Embedding picture in the Custom Report PDF	
#4235	Support #415 ELN Auto-save?	
#4237	Bug #321 Image import to ELN	
#4240	Chart missing Axis label	
#4295	Import Subject – Browse will not clear to reload a different file	
#4296	The last searched Subject Type still shows up in Advance Search drop down menu even if the user has ‘No Access’ to that specific UDF and Sample Type	
#4308	Advance Search is throwing syntax error	
#4312	Batch Search Option	
#4313	Filter function for test results	
#4314	Table column sorting by ascending or descending is not working properly	
#4333	LOWER/UPPER search function error	
#4341	Search Result Saving Error – LIMS V6.1 ORACLE	
#4349	Permission Checking When Performer is Assigned for a Subject – LIMS V6.1 ORACLE	

#4374	Advanced Search by Formula UDF does not work
#4375	Formula UDF not searchable as number
#4376	Query bar with “Contain” operator and underscore adds space
#4394	In list of subjects data sorting by ascending or descending is not working properly.
#4395	Selecting or deselecting Grid option for subject type in advance setting is not working properly.
#4396	Import data is throwing error regardless of the format.
#4402	Subject Type Grid view setting is not working properly
#4457	Import Data using Excel format is not working
#4463	REQ-107 Search Error Messages Needed For No Results Found and Timing Out
#4470	Samples Import Quicklink – Upload CSV File Errors – LIMS V6.1 ORACLE
#4472	Error message “Undefined method ‘audit_info’ for nil:NilClass” when CANCEL the Discrepancy.
#4477	Embedding picture in the Custom Report PDF
#4499	Excel format import throwing ‘rfid’ error
#4509	Picking a subject from an advanced search is not working
#4510	Batch Search with Subject Name or Barcode has an issue
#4512	Users removed from all user groups when configuration is transferred to the instance in question
#4516	Sorting out the column by CHECKBOX UDF is not working
#4517	Date UDF column is not sorting properly
#4518	Can’t manually change workflow state using enter workflow button
#4528	Sorting User Groups by Users throwing error message
#4529	Tab does not respond properly if you have multiple tabs open
#4531	Report Template
#4533	When a UDF is selected within Subject Type View Options and then Deleted, the corresponding column in the grid is not removed causing an error
#4535	Date UDF imports incorrectly
#4550	Custom Report throwing Liquid Error
#4552	Rounding error in Group Edit tools
#4581	In Some cases Run Script causes Subjects to loose Workflow State
#4585	By default clear selection after explorer tool execution
#4587	Workflow tool – Create New Subject is throwing an error
#4589	Date UDF format in export is inconsistent
#4590	Search using string transformation functions applied to names or UDFs of linked subjects is too slow
#4591	Deleted transition not removed when dev config promoted to test
#4592	Custom Report throwing Liquid Error
#4602	Dashboard for individual subject with login script is not working properly

#4604	Users – Last Login / Last Updated columns sort by month
#4607	Property ID not found error
#4623	Advanced Search by Number Formula in SQL DB is throwing NilClass Error
#4628	UDF Text Field import has different behavior in Postgress than Oracle DB
#4630	Creating Subject Picker (Advanced) Workflow tool throwing NilClass error
#4635	Getting invalid date error message when I tried to update subject
#4638	Cannot find subjects with pre-6.0 style search conditions
#4639	Advanced Search for UDF total amount is not functioning properly
#4643	Sortable UDF option button is not available for couple of UDFs in Oracle
#4644	Configuration subject types (dictionaries) should not be allowed to have associated workflows.
#4646	Locked session should not be counted as an active license for concurrent user configuration
#4654	Subject Hierarchies is not working
#4655	In Charts and Graph the Subject names are overlapping.
#4669	In Group Edit: Explorer Tool – of one of the Column entry is made Required and the condition is not met, OK button is disabled
#4672	REQ-161 Panel Production workflow
#4673	Sample Check-In Workflow – Initiated – Pick Vials From List Picker
#4674	Whitespace in AQA spec upload excel file throws error
#4680	Cannot click on link with >1000 records linked from Explorer View
#4691	Subject picker (Simple) workflow tool gives access to the subject list to an user who has no access permission to the subject type
#4694	Reports started from background RunScript tools via run_report or run_custom_report methods do not show progress and do not terminate when user clicks cancel or closes browser
#4695	Report tool dumps all subjects when run_report is called with an empty array
#4698	Report tool does not work in lists opened with “Open Selected...”
#4699	Fix dependency checking when UDFs are deleted
#4702	Date Range filter in Audit Records view does not work
#4703	Audit Records – Activity By User – Filtering calendar tool produces “Invalid Date” error
#4705	Group Edit over 1000 is throwing an error
#4719	The list of subjects is displayed without any columns when user clicks on a value of “Subjects of Different Types” UDF
#4724	No access permission subject shows up in quick pick drop down menu
#4735	Do not show Formula type UDF in Explorer’s Group Edit
#4749	Subject Alerts are not triggered
#4750	Advanced Search with UDF User is throwing error
#4752	CA 4.28 Numeric Titer rounding inconsistency

#4759	QC Criteria Form – List UDFs – Using query builder to select criteria does not work
#4763	Workflow tools
#4769	Batch Search – Error Message when pasting UIDs from General Report export file
#4861	FreezerPro® Quick Link 6.1
Feature	
#1834	Collapsible sections on subject pages
#1846	Audit for page views
#2124	Notification needed when backup fails
#2366	Option to remove default house-keeping fields from reports
#2638	Multiple Layer Batch Search
#3122	Notes that link to other Notes ELN
#3131	ELN Keywords
#3132	ELN editing permissions
#3138	ELN and Notifications
#3140	ELN auto-save
#3153	ELN versioning
#3346	“Create new subject” tool on workflow
#3474	Be able to export multiple pedigrees in one report
#3482	Be able to add new Parameter to a Tool between Parameters that are already present
#3605	Accessing workflow states from custom reports
#3627	User Group Description
#3766	Audit Log – Access Permission Changes – Access permission changes should be logged in the audit log
#3767	Audit Log – Users – User accounts should have sorted audit records
#3999	Sorting a column by ascending or descending is not working well
#4044	Export a full Ruby script to run in the VM
#4122	Import with excel format
#4154	Redesign Quick Link dialog
#4155	Add enable/disable flag on SubjTool and SubjTransition
#4156	Add show workflow state on SubjectType
#4221	Make “Explorer:Run Script” no need to select subject(s)
#4226	Move “Grid Columns” to “View Options”
#4256	Usage Activity tracking
#4257	Allow to open Dashboards and Subjects and to remove default Welcome Home Page after login
#4260	Auto-populate Managers/Performers in Add State Dialog
#4261	Remove check for selection in Explorer Run Script tool
#4277	Handle view setting in Subject Type (Advanced) in Subject View
#4299	Redesign Subject Type dialog

#4302	ToDo List should show only for workflows that marked as 'Show on Gantt'
#4303	Add Plural Name field for subject types
#4305	Add option to set font color on the login page
#4307	Improve Data Model and Workflow Model graphs
#4309	Add new scripting method to add calendar events
#4319	Explorer: do not show Filter if Name column is not shown
#4332	Audit Log – Ability to search by user
#4348	Pagination / “Open Selected”
#4363	More flexible configuration of grids and reports with paths and standard fields
#4366	Implement explorer and search result grids using new column configuration
#4367	Develop new sorting engine for grids and reports
#4368	Change reports tool to use new grid column configuration and new report templates
#4369	Add Change Tracking capabilities to ELN
#4370	Adjust configuration import/export tool to work with new grid and report columns configuration
#4401	Improve field insertion in Custom Report and Email Template editors
#4445	REQ-152 “cherry pick” records for export across multiple pages
#4456	REQ-114 – Excel File Import – UTF-8 error, non-unicode characters
#4459	REQ-117 – Excel File Import – Blank File Error When CSV Created In Different Format
#4460	REQ-128 Excel File Import – Ignore Empty Columns And Rows
#4461	REQ-129 Excel File Import – Able To Import In Excel Format
#4462	REQ-106 Pagination – Be Able To Export All Data Fields In Different Combinations
#4466	REQ-141 Batch Update A List Of Sample Barcodes
#4467	REQ-184.09 Print Barcodes For A List Of Samples In A Workflow
#4469	It should be possible to choose one of predefined date and time formats in general and user preferences
#4475	Move “Grid Columns” to “View Options”
#4476	Make “Explorer:Run Script” no need to select subject(s)
#4478	“Create new subject” tool on workflow
#4496	Add params[:allowCreate] to explicitly show/hide a button creating a new subject from UDF of type: Subject, Subject List, and Subject List of Several Type
#4503	Refactor JavaScripts
#4519	REQ-116 Choice to Import Blank cells or skip
#4520	REQ-145 Case-insensitive import
#4523	Terminate SQL queries on timeout with Oracle
#4534	Add user method for creating a user for script runner
#4538	Allow UDFs on User Groups (in the UI)
#4564	Add Display Format for number returning Formula UDFs

#4565	Add Subject Type choice to Subjects returning Formula type UDFs
#4579	Show more than 100 records per page?
#4588	Add ability to disable sorting for sortable UDF
#4596	Add-3 Importing Excel files with password protection
#4601	REQ-124 Support ability to import log10 values from Excel File
#4647	Move 'Save' Searches button to more obvious location?
#4658	Introduce new Right to control report templates
#4659	Add require_modify_permission flag to workflow state tools and check permissions accordingly
#4666	Exporting values in Subject List UDFs
#4696	Make it possible to use run_report and run_custom_report scripting API methods with search queries instead of list of subjects
#4737	Added an ability to assign Workflow runners through a list of user group
#4743	Disable log10 conversion in Roche (CA 4.15)
#4770	Add 'Reset Database' VM menu option
#4799	In Subject Types grid add a column to see "Subjects part of configuration"

Version 6.0.2		Release Date:
Bug		
#4380	before_update script from new version is not executed when installing Limfinity update	
#4381	Subject Constraint can not be created for MS SQL and Oracle DB	
#4383	LDAP configuration dialog is failing if a password filed has an '	

Version 6.0.1		Release Date:
Bug		
#4132	A disabled user still appears in an User UDF's value list	
#4224	Can not set country to "Italy"	
#4225	Can not use set_value() on a user	
#4231	Can not use : qb.add('Task','Person in Charge', :contains, User.curr_user)	
#4242	Unable to Set Static IP Address	
Feature		
#4232	onClick='RURO.viewSubject({id})'	

Version 6.0.0		<i>Release Date:</i>
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Version 5.1.7		<i>Release Date:</i>
Bug		
#2170	Limfinity 5: Cannot duplicate workflow while it is locked status, no error message	
#2244	ABC Workflow: Default Contacts not assigned by default	
#3151	Double click to expand comment view	
#3389	Double-clicking Subject Picker tool button causes system to fail	
#3433	Changing lock screen opacity – #3043 Re-opened	
#3441	‘Family’ parameter drop down search	
#3471	Quick Links – Tabs Don’t Refresh / Reload When Using The Same Quick Link	
#3484	UDF display for Subject Lists	
#3546	Advanced Search shows error instead of opening search view for newly created user accounts without saved preferences	
#3553	Two quicklinks cannot be opened at the same time	
#3590	UDF cannot be removed from User or UserGroup	
Feature		
#1841	Search improvements: results order	
#1868	Select all check box only selects current page/clears selection on navigation	
#1876	Integrate liquid engine with wysiwyg editor (ckeditor, tinymce etc)	
#2351	Add search filter to “In Use” on subject fields	
#2433	Custom Report debug errors display wrong line reference	
#3209	Open a search tab from a workflow Run Script Tool	
#3385	UAT: CoC pick samples by group button	
#3395	Restrict analyst to lab users in current department	
#3399	UAT: Improve “To be approved”	
#3442	Allow type-ahead for both Users and Workflows lists in manage ToDo dialog	
#3450	Allow UDFs on Group Editor tool	

Version 5.1.6		<i>Release Date:</i>
Bug		
#2932	Export workflow to JSON(Export subject type to JSON)	
#3038	It is possible to add the same UDF twice to a Subject Type. Once done it is not possible to remove the second UDF instance	
#3093	Inherited Access permissions should only be available for Subjects. It does not make sense to have on UDFs and Subject Types	
#3124	Advanced Search for date fields	
#3175	Grid window of a Picker disappeared when there're many additional parameters UDF	
#3206	UDFs and 'Advanced Search' Option	
#3207	In group edit dialogs Subject List UDF shows subjects of incorrect subject types	
#3210	Regression with Grid edit	
#3212	Clearing a query field does not restore view to initial results	
#3255	Scheduled Scripts do not appear in All scripts	
#3270	Weird error while deleting subject type	
#3282	Run Script tool in workflow: "run_custom_report" tool – Liquid Filters do not work	
#3283	params[:read_only] doesn't work for date type UDF	
#3286	Incorrect color rendering for glyphs in IE	
#3290	Background Execution requires enabled parameters like Confirmation Dialog	
#3291	Different paths are generated for files generated on the background and in regular mode	
#3292	File download error message	
#3301	Password UDF's value will be displayed on subject view	
#3341	Subject Picker – Script Parameter File udf – Advance Subject Picker passes over file udf	
#3360	Deleting subject types – accidentally deleted original...	
#3361	Scroll Bars on the Dialogue Boxes from Run Script Parameters	
#3365	Limfinity platform at Appistry – Bug #3365: Gantt chart "click" not working	
#3380	User properties – File Type UDF linked to User	
#3409	Can't create new test package	
Feature		
#3043	Changing lock screen opacity	
#3213	Unable to paste null/blank values in grid edit	

#3244	Display fields on pedigree does not sort
#3250	Switch default Advanced Search condition from Contains to Equals
#3265	LIMFINITY – Quickbooks Integration – add ability to disable integration in the Integration Settings – new label
#3309	Liquid Filters should be global in the system and only admins can modify them
#3310	All CLOB fields in General model should be moved into a separate object
#3359	Add Batch Search on Subject UDFs

Version 5.1.5		<i>Release Date:</i>
Bug		
#3124	Advanced Search for date fields	
#3144	30 days DEMO VM can't login when update to 5.1.4	
#3154	Copies of the same UDF	
#3155	Unable to find subjects with empty or non-empty workflow state via script	

Version 5.1.4		<i>Release Date:</i>
Bug		
#1843	Left-clicking a menu item should not result in right-click menu closing	
#1987	Auto increment changes number in current field	
#2667	ELN Notebook – Set up only by admin account?	
#2851	Can't search subjects by 'subject back reference'	
#3013	Sample Barcode sort issue	
#3022	It is possible to have a subject which is in the same state twice (has more the one activate state of the same type)	
#3025	Subjects changed in workflow tools and transitions don't have audit log records	
#3028	Error message when creating a new notebook for a subject	
#3031	Chat is not sending Emails 5.1.3	
#3032	Subject Alerts are triggered when conditions are false	
#3034	Calendar view issues	
#3042	5.1.3 broke all date fields	
#3048	UDF permissions are not check when using group edit view	
#3059	Can't get datetime UDF's time when it as a parameter	

#3064	params[:required] doesn't work in Advanced picker
#3071	Can't delete value of List UDF on edit subject tool
#3080	Collab and Production Sync
#3091	Edit subject tool: there's no scroll when editing a subject
#3094	Check Box UDFs auto populating without a 'Default Value'
#3095	Email Notifications are not being sent to Performers 5.1.3
#3097	Can't get_value from created_by
#3098	Unique constraints are not properly updated when new subjects are created from scripts
#3119	Inserting hyperlinks into ELN
#3121	Printing ELN Tables
#3123	Printing date of birth fields
#3127	All ELNs and ELN Notes that we made in the development server are not visible
#3128	Show On Gantt workflow flag is not checked in Subject view and Explorer.
Feature	
#1710	Accounting system interaction (Quickbooks Enterprise)
#2919	Chat. Allow filtering on chat title
#3106	Add protection from unauthorized modification of license.yml file
#3112	Display "Help text" of UDF on subject view & add/edit subject form directly

Version 5.1.3		<i>Release Date:</i>
Bug		
#2263	"Updated at" date does not match audit log	
#2802	nih-dev-limfinity.appistry.com workflow issue	
#2887	Error parsing uploaded CSV file using open_csv_file_simple method	
#2933	Workflow tool: can't add a display chart tool	
#2934	Shared note's name display	
#2987	List Type UDF value does not make it into params[:defaults]	
#2996	FreezerPro® Integration – Unable to Save Vial	
#2997	Quick Links – Show for User Groups – List of Groups is Limited to User Preferences	
Feature		

#2510	Limfinity 5 Pedigree – Display fields options
#2944	The dialogue window of create HTML editor

Version 5.1.2		<i>Release Date:</i>
Bug		
#2582	Date/Time UDF – Ability To Enter Time Manually	
#2701	Gantt is not displaying the timeline properly	
#2749	No scroll bar in some dialogs	
#2754	:contains doesn't work on Users type UDF in query builder	
#2762	StaleObjectError incorrect message	
#2764	Email notification does not work properly	
#2768	2D barcode does not print	
#2797	Subject tables (editing information in the subject type record) does not fit to screen or allow scrolling	
#2799	Group Edit Workflow Tool/Before Script/params[:edit_ids] not working	
#2801	It is not possible to set static IP address in VM console	
#2803	Sync between Appistry prod and collab servers	
#2819	Add audit trails for changing user's role and user's groups	
#2823	In User Groups dialog, there is no pagination for users list	
#2825	Chinese chars import	
#2829	Improve error handling	
#2835	User Groups – Display Pagination – All User Groups Are Displayed, Regardless of User Preferences	
#2836	Chat – No Pagination For Subscribing Users/Groups	
Feature		
#2715	UDPICS URL for subject types	
#2728	Notification pop-up within UDPICS	
#2750	Added subject current state column to reports generated with report templates	
#2792	Add ability to clear Subject UDF	
#2793	Add ability to add/remove subject types to/from LIMS_SUBJECT UDF	
#2795	Add Sync With LDAP option to VM console	
#2842	Ability to provide extra data to custom report template	
#2756	UDF help text	

Version 5.1.1		<i>Release Date:</i>
Bug		
#2721	Pedigree: When adding Son/Daughter from UDP_XXX it does not link to the correct UDP patient	
#2723	HTML editor UDF can't be created	
#2724	Chinese characters in PDFs	
#2725	Display name, Database backup/restore info, email notification info can't be saved in VM.	
#2726	Limfinity 5.1.0 – Subject Workflows – Workflow Tools – Conditions are not functioning properly	
#2729	LIMF5.1 – Settings and Preferences/Subject Types/Duplicate Subject Type – this operation does not work	
Feature		
#2730	Add monozygotic twin relationship in the pedigree tool	

Version 5.1.0		<i>Release Date:</i>
Fix		
-	Updated server-side underlying frameworks to latest versions	
Add		
-	Additional support tools for high-visibility, high-availability deployments	
-	Comprehensive configuration transfer feature set	
-	Enhanced configuration versioning management	
-	Expanded toolset for customizing views, graphs and reports with real-time previews	
-	Expanded feature set for formula-type UDFs	

Version 5.0.0 – New Release		<i>Release Date:</i>
Fix		
-	Updated GUI frameworks. Upgraded technology stack to support latest web application technologies	
-	Optimized for Cloud deployment, including Amazon, Microsoft Azure and others	
Add		
-	New User Interface streamlined according to yearlong customer feedback initiative	
-	High resolution displays with scalable vector graphics	
-	New freezer box, live/real-time mapping and other graphical displays in system UI	
-	Enhanced security model supporting extremely intricate data sequestration	

Version 4.1.15		<i>Release Date:</i>
Bug		
#1356	Email Notification Template	
#1488	LIMS4 search menus are confusing to navigate	
Feature		
#1345	Export time	
#1401	View Subject link doesn't redirect to the discussion and also lands in the blank main page when not previously logged-in	
#1485	LIMS should not send the content of the chat/discussion in the notification e-mail	
#1513	Add strong password checking (internal notification only)	
Fix		
-	Improved Custom Report Template. Add option to process a list of subjects	
-	Advanced Search fixes. Properly store last searched SubjectType	
Add		
-	New login Screen with custom headers	
-	Latest Liquid template plugin	

Version 4.1.14		<i>Release Date:</i>
Bug		
#1302	LIMS4.1.11 has a table display bug for subjects downstream of polymorphic UDFs	
#1310	LIMS 4.1.11 When a single UDF is used in multiple subjects, CSV report tables displaying that UDF are corrupt	
#1313	Cannot enable users in the collaboration server	
#1317	Fails to create user defined fields of type Subject Group Back Reference	
#1339	LIMS4 still has bug related to reported and displayed page length	
#1342	Glycomics subject type is not editable	
#1343	Pedigree doesn't support two sets of grandparents	
#1344	Not empty /empty criteria don't work in advanced search	
#1410	Subject workflows page displays 2 pages but there is a single page	
#1411	Script tool won't open in the development server	
#1416	Removed UDF persists in Grid View Options	
#1417	UDF listing when filling in forms	
#1434	Friday Meeting notes quick link doesn't save the Patient designation	
#1452	File 'bucket' upload logs the user out of the system	
#1456	Multiple patient edit issue	
Feature		
#1376	Active logged-on users list display	
#1404	Show/hide disabled users icon/checkbox on users page	
#1432	Vials link between FreezerPro and lims is broken	
-	Added indication for logged in users in User grid view	
-	Improved performance of BREF UDFs in grid views	
Fix		
-	Cleanup DB links when a UDF is removed	
-	Synchronization service	
-	Improved import performance	

Version 4.1.13		<i>Release Date:</i>
Fix	DB schema for Oracle DB	

Version 4.1.11		<i>Release Date:</i>
Bug		
#1127	Advanced search bug	
#1178	Automatic completion of drop-down fields	
#1184	Back reference not displaying all records	
#1198	'Vials' subject type table not displaying records	
#1231	Unable to edit the 'Friday Meeting Notes' subject type	
#1237	Inquiry state brings up a blank record	
Feature		
#1076	Pedigree – Relationship Additions	
#1104	To-do list sort and filter	
#1159	Show message() displays an icon that has a X and red color which suggests “error” or something wrong	
#1185	Sorting Searches	
#1192	Name of the form used for tools should appear on the edit screen in workflow editor	
#1193	Tool hiding based on rules	
#1213	Custom error message display if transition conditions are not met	
#1217	["not-empty";"empty"] added to conditions list in “advanced search”	
#1222	Advanced search doesn't allow searching workflow states of conneted subject types	
#1246	LIMS should include gender and DOB in phenotips calls	

Version 4.1.10		<i>Release Date:</i>
Bug		
#1151	Double pedigree	
#1152	Advanced Search Issue	
#1154	Export workflow json for “Exome Analytics Workflow” doesn't work	
#1158	Quick link edit properties should allow for selecting more than one user group to display the quick link for	
#1177	Advanced search report printing	
Feature		

#1008	Affected status in pedigree tool
#1084	Login when another session is active on another computer
#1155	Banner needs to appear on the log-in screen
#1185	Sorting Searches

Version 3.2.44		<i>Release Date:</i>
Fix	Type-a-head for add to project dialog	

Version 7.0.0		<i>Release Date:</i>
Fix	Group Values	

Version 3.2.42		<i>Release Date:</i>
Fix		
-	Pagination in Advance Search	
-	Search with :ne condition (“Not equal” search logic fixed)	
-	Import for terminated flag	
-	Date parsing	
-	Reports PDF fix	
Allow		
-	Type-ahead and proper pagination when selecting projects/subjects	
-	Formatting of numeric UDFs	

Version 3.2.41		<i>Release Date:</i>
Fix	Fix saving subject with empty list UDF	

Version 3.2.36		<i>Release Date:</i>
Fix	Pagination of search pages	

Version 3.2.35		<i>Release Date:</i>
Fix	Unique subject name generation	

Version 3.2.34		<i>Release Date:</i>
Fix	Update procedure	

Version 3.2.33		<i>Release Date:</i>
Fix	Import with default values	

Version 3.2.32		<i>Release Date:</i>
Fix	Installation procedure	

Version 3.2.31		<i>Release Date:</i>
Add	New indexes	

Version 3.2.30		<i>Release Date:</i>
Add	E-mail notifications	

Version 3.2.29		<i>Release Date: 04/21/2014</i>
-	Added Batch Search to Actions	
-	New query field "Creation Date" in API	
-	Terminated flag is now standard in reports and Import. Acceptable Values (True / False or Yes / No)	
-	Set Default UDF values during Import	
-	New update procedure	

Version 3.2.28		<i>Release Date: 03/21/2014</i>
-	Batch Search for subjects added	
-	Reports for audit trail	
-	Option to get Audit Log for any subject	

Version 3.2.12		<i>Release Date:</i>
-	Report Builder added	

Version 3.2.11		<i>Release Date: 01/30/2014</i>
-	Fix for API (UDF with the name Description failed to render via API)	

Version 3.2.6		<i>Release Date: 12/20/2013</i>
-	Option to display data model diagram	

Version 3.2.5		<i>Release Date: 12/05/2013</i>
-	API polishes – user_fields parameter added	
-	Option to set access levels to User Fields	
-	Option to specify renders for User Fields	

Version 3.2.4		<i>Release Date: 11/19/2013</i>
-	JSON API to return Projects with proper separator (;)	
-	Fix for default value in UDF of type list causing empty dialog for existing subjects	

Version 3.2.2		<i>Release Date: 10/31/2013</i>
-	JSON API calls naming reworked (consistent attribute naming in search/import calls)	
-	Option to run External plugins on Subject Tasks	
-	Option to print to local IP printers (client-side printing)	
-	New Group Subject editing	

Version 3.1.0		<i>Release Date: 11/13/2013</i>
-	Charts & Graphs	
-	E-mail Templates for LIMS events	
-	Quick Links for Simpler UI	

Version 3.0.0		<i>Release Date: 11/11/2013</i>
-	New graphical theme	
-	Performance improvements	
-	New project permission model	
-	Option to set permitted Tasks for User Groups	
-	Option to search “Upstream” properties in Advanced Search	
-	Option to call External Plugin when running Subject Tasks	
-	Saved searches are now per-user	
-	New “Import” right – allows import of subjects/projects	
-	Fixed advanced search ignoring the third search condition	

Version 2.1.0		<i>Release Date: 11/04/2013</i>
-	New data-mining engine	
-	Options to search “downstream” in the process chain	
-	Option to expand the UI with custom plugins	

Version 2.0.0		<i>Release Date: 06/16/2013</i>
-	Barcode printing added	
-	Tasks and processes support added	
-	Option to set project permissions added	

