

LogChief Version 2.2 Release Notes

New Features

Log ing

Notes

- Hierarchical Logging for List Box control
- Removed reparative error message in case of Missing Key field
- Save error after group/screen switch, in case of Missing Key field
- Excess calling of textEdit_ParseVaue event Issue
- Redesign DAL & DALSchema classes to achieve best results in database calls
- Searched all common operations throughout LogChief and placed them together within one single class

Refresh Library

- Replaced the database call for each single row. Now all rows in all tables are refreshed in single database call

Permission

- Changed database calling for Individual functions again & again, replaced with common call for all

Functions

- Replaced object creation for UserSecurity at different locations with static call
- Removed reloading of user, configuration & profile in case of System Administrator

Plug-in

- Changed Plug-in loading mechanism
- Added options to load designer & viewer separately
- Added permission for Plug-ins
- Removed reloading of Plug-ins in case of Viewer close

Reports

- Improved the reports loading as plug-in
- Improved the reports loading in case of open and delete report
- New look & feel for Report designer

System Connections

- Changed the passing of connection object over & over by static connection object
- Replaced open connection, now opening the connection as needed and then closing them

Profile

- Redesign the Profile Loading mechanism, remove the repetitive calls of functions
- Changed the passing of profile object over & over with in methods/screens by static profile object
- Reduced the database calls and reuse the profile object to create file menu

String Operations

- Replace all string concatenation operations with StringBuilder
- Used common (static) StringBuilder object to save memory fragmentation

Sample Sheets

- Optimized the code, speed up the opening of Sample Sheets
- Preventing duplicate sample sheets to be loaded
- Predefined SampleId will work after reopening the Logging forms
- Predefined SampleId will work for SampleQC
- Changed the size of Main screens as per the 800 X 600 resolutions

Configuration Pack

Spanish Translation

- Optimized the code
- Replace hardcoded text to resourced text so that they can be changed as per "Culture" DevExpress Vs 9.1 to 9.3
- Replaced the DevExpress code & control libraries with new version to bring consistency throughout all .Net developments

Miscellaneous

- Handled exception with proper exception class, not with generic one
- Recoded LogChief version update code
- Improved the parameter passing mechanism for LogChief
- Reduced the reference creation, replaced them with appropriate calls or common references
- Replaced checking for Nothing at different places with Boolean variable
- System database check
- Changed the GUI for Main screen

- Increased the size of Main screen to fit into 800 X 600 resolution
- Separated “Sync” & “Adv Sync” button
- Changed the size of other screens as per the 800 X 600 resolutions

Enhancements

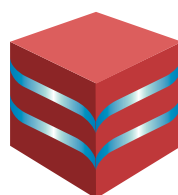
Logging

Refresh Library
Permission

Sample Sheets

Notes

- Fixed issues that arose in:
- Hierarchical Logging bug in List box and Combo Box control
- Combo box data selection
- Auto increment HoleId & SampleId
- Prefix & Suffix with HoleId & SampleId
- Screen switching
- Group switching
- Refreshed library connection error
- Configuration is loaded only when user has permissions for configurations
- File menus error in case of no permission
- Context menu issue, in case of group change was fixed
- Plug-ins now not shown in case of no permission
- Prefix & Suffix with SampleId Issue fixed (Using same code as LogChief)
- Renumber of sample ID now rennumbers the SampleId in sample QC or standards
- When a new row is added and a new sample ID is specified the next sample ID should is now based on the last entered record.
- Importing Sample sheet data sometimes said the row ID already existed, this issue was removed



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