CCLAS EL Release Notes

Version 2.44.0

Contents

CCLAS 2.44

These release notes apply to CCLAS EL for the 2.44 major version.

> **Note:** CCLAS EL V2 versioning follows the 2.*evenNumberVersion.patchNumber* format for major releases and 2.*oddNumberVersion.patchNumber* for minor releases.

2.44.0 (January 2022)

This release contains a mixture of small improvements to CCLAS EL 2.42.

New Features

STORY 533 [Online Help] Include HTML5 help in release

Since the virus scanners provided with Microsoft Windows block the running of CHM files across the network, CCLAS online help is now primarily provided in HTML5 format from CCLAS 2 applications.

With this release, a custom *HelpUDF.vbs* file is added to the Config folder and contains the logic to locate and display the content of the HTML5 CCLAS online help in a Web browser. HTML5 files can be run across the network.

Where the *HelpUDF.vbs* script file is not located in the Config folder, then the CHM CCLAS online help configured by the **HelpDirectory** and **HelpFile** GLOBALSETTINGS for CCLASMGR is launched. This can also be the custom logic within the *HelpUDF.vbs* script if the target HTML5 online help is not found. To run CHM files without compromising network security, the files should be relocated to a local drive.

> Note: The *HelpUDF.vbs* script file cannot be set with the helpfile option in the CCLAS installation as there is no way of consistently knowing where the Config folder is located, depending upon the selected installation options. As such, if upgrading an existing site, a manual step may be required to copy this script to the Config folder. Locate this script file in any *language* » Config folder (for example, the EN » Config folder) of the installation zip file.

Enhancements

STORY 570 [Online Help] Remove CCLAS3 help menu option from title bar

With the new HTML5 online help (covering both CCLAS 2 and CCLAS 3 applications, the

CCLAS EL 3 Help option available from the 🔵 button on the CCLAS 3 Menu ribbon and the **Help** main menu option on the CCLAS 2 Menu is removed, and the **Contents (F1)** option available from these locations now launches the new format HTML5 online help instead of the older format CHM help.

> **Note:** The older format CHM help is still available on the Datamine Product Store, if required.

STORY 535 [Licence] Licencing dialog changes

The **clsSecurity** class now establishes a **warningDay** range for licence expiry, such that, when logging in to a laboratory, launching any CCLAS application or accessing the **Help » About** dialog from any CCLAS application, then the **CheckLicenceExpiryDate** method is run, and if the CCLAS licence is to expire within the next 30 days, then a licence expiry warning dialog is displayed that the user cannot close for at least one minute, the duration of which is indicated by a progress bar.

STORY 575 [Licence] Licence to cater for cluster name in licence key

When the CCLAS 2 Licence application is launched, then the **Licence Server** from the licence key is validated as follows:

- Firstly by checking whether the server matches a connected server, and if it does match, then licence details display, and if it does not match, then

- Secondly by checking whether the server matches a server cluster name, and if it does match, then licence details display, and if it does not match, then an error results, such that, users are not able to update the licence.

STORY 526 [Licencing] Cater for SQL Server Clusters

Where a CCLAS server is part of an SQL Server Failover Cluster, previous versions of CCLAS had licencing issues as the server check would often fail because, after failover, CCLAS may not be connected to the same server written in the licence table, but to a

different server in the cluster. With this release, where CCLAS detects that the server is part of a cluster, then CCLAS validates the licence using the cluster name, or if the cluster name is undetectable, then using a valid node of the cluster, instead of the server name.

> **Note:** The query used to return the cluster name assumes only works on configurations where the SQL Server instances on the cluster nodes are enabled for Always on Availability Groups and have WSFC quorum, or where the SQL Server instances of the cluster are failover clustered instances.

> **Note:** The SQL Server user used to connect to CCLAS (the one referenced in the *CCLAS.INI* file) needs the **VIEW SERVER STATE** permission in order to run the licencing queries.

STORY 537 [Licencing] Logging licencing process

A **LicenceLog_*mmddyyyy*.txt** log file is now created in the Bin folder. The licence check information is written to the file upon a user logging in to a laboratory, This log file can be provided to CCLAS support when there is a requirement to investigate CCLAS licencing issues. These log files are created daily so that they can be kept to a minimal size and deleted, as required.

STORY 543 [Licencing] Adjust licence messages shown in dialog

Licencing messages are modified to include the email and phone numbers for CCLAS Support so that users can more easily notify Datamine Software of licence expiry or renewal issues.

STORY 527 [Database] Modify type for depreciated SQL Server datatypes

The data type of the **RULESCRIPT** column from the **PRODUCT_RULE** table is changed from TEXT to VARCHAR(MAX), since, as of SQL Server 2017, the TEXT data type is flagged for depreciation in a future version of SQL Server.

STORY 529 [Database] Remove cross join from PJ view

The PJ view no longer contains a CROSS JOIN to the CLIENT table as the view always returned more records than needed—every job record joined to every client record regardless of whether the client record related to the job or not. This join to the **CLIENT** table was added to handle reporting clients should they be different to the job client. Now, the JOB table joins to the PROFJOB_CLIENTTO table and then onto the CLIENT table for the address information.

> **Note:** Users that previously relied on the extra client records in the PJ view may have problems after this enhancement.

STORY 528 [Database] Remove unqualified joins from triggers

Since it is a Microsoft recommendation that unqualified joins of tables in database queries are replaced with INNER, LEFT or RIGHT JOINS, the triggers for units is now modified to use INNER JOIN.

STORY 179 [Technical] Remove unused version of CCACTX01.ocx

Some time ago, a second version of **CCACTX01.ocx** was compiled to improve the performance of the SampleGrid control. Both copies of the ocx were included in the release for backward compatibility, and the user could register the one they preferred to use. Since this backwards compatibility has moved to obsolescence, the more recently compiled version of **CCACTX01. ocx** is retained only, and the older version removed from CCLAS.

STORY 180 [Technical] Removed unused version of the Quote Wizard

Some time ago, a new version of the Quote Wizard was added to CCLAS. Both copies of the dll were included in the release for backward compatibility, and the user could register the one they preferred to use. Since this backwards compatibility has moved to obsolescence, the more recently compiled version of **CCQTWZ01.dll** is retained only, and the older version removed from CCLAS.

STORY 541 [Technical] Remove copyright statement from login and splash screen images

The copyright statement is removed from the login and splash screen images and added as a label to the image to enhance maintenance across future releases.

Defect Fixes

CCLAS version referenced in bug headings indicate the CCLAS release in which the defect was found.

BUG 525 [CCLAS 2.42 Installer] Installer allowed over network drive

The install for CCLAS 2.44 is changed so that applications can only be installed on the local machine, and not installed to a network location.

Previously, a situation occurred where the CCLAS server installation process was used to install CCLAS onto a workstation which resulted in the overwriting of CCLAS files already installed on the server. Also, the first time a user logged into that local machine to run CCLAS, then CCLAS would not run properly as the registry entries were written on another machine. Subsequently, when the CCLAS uninstall was run from the workstation, then CCLAS files were deleted from the server.

BUG 48 [CCLAS 2.42 Installer] No SamRegEdit.scr included in release

The CCLAS 2.44 install now includes the SamRegEdit.scr script file. This file was missing from previous the previous CCLAS install, such that, when a sample was opened in the SamReg,exe application, then no sample edit form was presented to the user.

BUG 524 [SAMANA] Taking a long time to close down

The functionality offered by enabling the **AutoStatusUpdate** SAMANA program setting is now made obsolete.

Previously, when capturing data using On-line data capture sessions with the Samana.exe application, where this setting was enabled, then the status of jobs associated with the analysed samples was updated at the end of the On-line session. However, in situations in which the On-line data capture session ran over several weeks, then this list of jobs became very long and caused the shut down of the Samana.exe application to take an immense amount of time. This means that the user is required to go into the MDE.exe or xMDE.exe application for each associated job to manually review the status or check and validate the results for the job to cascade to completed.

BUG 461 [Dashboard] Wrong prompt used when using custom scripts

When using Dashboard script hooks, where more than one script contains the same name for a control, then the correct prompt is now used when each script runs.

Previously the wrong prompt was used on one of the scripts due to the screen building mechanism locating the script's prompt using the control name only, which caused issues if the same control name was used in multiple scripts. Now the screen building mechanism locates prompts in the messages table by script and control, allowing for the use of the same control name in multiple scripts.

BUG 579 [QuoteWizard] Analytes added multiple times

Where the Quote Wizard is open for a quote that contains schemes and analytes, and all of the analytes for a scheme are manually unchecked, when the **Select all** flow is used to re-check all of the analytes, then each analyte is added to the tree view once instead of being added a multiple number of times, which previously caused a crash upon save.

BUG 573 [QuoteWizard] EOF error shown when opening quote wizard with new database

Where a new CCLAS database is created using the installer and a client is added to the database, when a quote is added to the client and the Quote Wizard is opened, then an error no longer returns and the Quote Wizard opens as expected.

BUG 574 [QuoteWizard] Subscript out of range errors shown

Where a new CCLAS database is created using the installer and a client is added to the database, when a quote is opened in the Quote Wizard and a scheme is selected for adding to the quote, then an error no longer returns and the Quote Wizard opens as expected.

BUG 577 [QuoteWizard] Not all analytes selected are saved

Where the Quote Wizard is open and a scheme and some analytes of that scheme are selected for adding to the quote, when the quote is saved, then all analytes are now saved. Previously, all but one analyte were saved.

BUG 578 [QuoteWizard] Unchecked items not being removed from quote

Where the Quote Wizard is open for a quote that contains schemes and analytes, and one of the schemes is unchecked to remove the scheme from the quote, when the quote is saved, then the scheme is now removed from the quote. Previously, the scheme was not removed from the quote.

Getting Help for CCLAS

Overview

This section describes where you can access help for your CCLAS EL installation.

Online Help

CCLAS online help is provided in HTML5 format.

Configuring the Online Help

The custom HelpUDF.vbs file, located in the Config folder, as supplied with the CCLAS installation, contains the logic to locate and display the content of the HTML5 CCLAS online help in a Web browser.

View the custom HelpUDF.vbs

```
'*
'*************************************************************
**************
'* UNIT/MODULE NAME : HelpUDF.VBS
'*
'* DESCRIPTION:
'* Script containing method to allow own help to be
'* displayed from script.
'*
'* INTERFACE:
'*
'* DEPENDENCIES:
'*
'* CHANGE CONTROL HISTORY:
'*
'* DATE WHO SPR # DESCRIPTION OF CHANGE
'* 05052006 TD 0000001580 Initial version of code.
'* 03112021 TD Added code to use html5 help files
'*
'*************************************************************
**************
Option Explicit
Sub ScriptShowHelp(oParams)
'*
'*************************************************************
**************
```

```
'* UNIT NAME:
'* HelpUDF.ScriptShowHelp
'*
'* DESCRIPTION:
'* Procedure to display User defined help.
'*
'* INPUT PARAMETERS:
'* oParams: Collection of parameters passed into method.
'*
'* OUTPUT PARAMETERS:
'* None
'*
'* RETURN VALUES:
'* None
'*
'* SIDE EFFECTS:
'* None
'*
'* NOTES:
'* oParams is a dictionary object containing different
'* useful pieces of information.
'*
'* Items are accessed using a key: oParams(Key).
'* Items can be edited: oParams(Key) = Value
'*
'* The items in this collection are as follows:
'* HelpFile : Name of help file to use.
'* ProgramCode : Programcode for program that called this
method.
'* CurrentForm : Name of active form when help triggered.
'* HelpOverride: Flag to use current help method or not
after this completes.
'* ControlHelp : Flag to use help to the control level or
not.
'* HelpContext : Default help context to use if there is
not help context.
'* HWND : Default handle of form to use if no active form.
'*
**********************************************************
**************
' These methods were used to check values of parameters
collection
LogToMsgBox(oParams)
'LogToFile(oParams)
dim sURL
```

```
sURL = HelpURL(oParams("ProgramCode"), oParams
("CurrentForm"), clsSecurity)
oParams("HelpOverride") = ShowHelp(sURL)
End Sub
Function HelpURL(byval sProgramCode, byval sFormName,
oSecurity)
dim sHelpDirectory
dim sPage
dim sUrl
sHelpDirectory = oSecurity.GlobalSetting("HelpDirectory")
sPage = sProgramCode & "-" & Replace(sFormName,"frm","") &
".htm"
If (instr(sHelpDirectory, "file://") = 0) Then
sUrl = AddChar(sHelpDirectory, "\") & "CCLAS-EL-Online-
Help-HTML5\Screens-CCLAS-2\" & sProgramCode & "\" & sPage
Else
sUrl = AddChar(sHelpDirectory, "/") & "CCLAS-EL-Online-
Help-HTML5/Screens-CCLAS-2/" & sProgramCode & "/" & sPage
End If
HelpURL = sUrl
End Function
Function AddChar(byval sPath, byval sChar)
If Right(sPath, len(sChar)) = sChar Then
AddChar = sPath
Else
AddChar = sPath & sChar
End If
End Function
Function ShowHelp(byval sUrl)
Dim wshShell
Set wshShell = CreateObject("WScript.Shell")

on error resume next
If (instr(sUrl, "file://") = 0) Then
wshShell.Run chr(34) & sUrl & chr(34) ' When using c:\....
Else
wshShell.Run sUrl ' When using file:///c:/....
End If
ShowHelp = (Err.Number = 0)
if (not ShowHelp) then
'msgbox cstr(err.number) & ": " & err.description
end if
End Function
Sub LogToMsgBox(oParams)
Dim s
Dim l
```

```vbscript
Dim aKeys
Dim aItems
aKeys=oParams.Keys
aItems=oParams.Items
For l=1 to oParams.Count
s = s & aKeys(l-1) & ": " & aItems(l-1) & vbCrLf
Next
'MsgBox s
s = "HelpFile: " & oParams("HelpFile") & vbCrLf
s = s & "ProgramCode: " & oParams("ProgramCode") & vbCrLf
s = s & "CurrentForm: " & oParams("CurrentForm") & vbCrLf
s = s & "HelpOverride: " & oParams("HelpOverride") & vbCrLf
s = s & "ControlHelp: " & oParams("ControlHelp") & vbCrLf
s = s & "HelpContext: " & oParams("HelpContext") & vbCrLf
s = s & "HWND: " & oParams("HWND")

MsgBox s
End Sub
Sub LogToFile(oParams)
Dim sOutput
Dim sDesc
sOutput = "HelpFile, " & oParams("HelpFile") & ","
sOutput = sOutput & "ProgramCode, " & oParams
("ProgramCode") & ","
sOutput = sOutput & "CurrentForm, " & oParams
("CurrentForm") & ","
sOutput = sOutput & "HelpOverride, " & oParams
("HelpOverride") & ","
sOutput = sOutput & "ControlHelp, " & oParams
("ControlHelp") & ","
sOutput = sOutput & "HelpContext, " & oParams
("HelpContext") & ","
sOutput = sOutput & "HWND, " & oParams("HWND")
' Prompt for description that can be logged to a log file.
'sDesc = InputBox ("Form-" & oParams("CurrentForm") & "
Id="& oParams("HelpContext"), "Form description", "")
'FileAppend clsSecurity.GlobalSetting("BinDirectory") &
"\Form-Identifications.CSV", "Form, " & sDesc & "," &
sOutput & vbCrLf
End Sub
'------------------------------------------------------------
-------------------------
' Generic File Append
'------------------------------------------------------------
-------------------------
```

```
Sub FileAppend (byval sFile, byval sString)
Dim oSupport
On Error Resume Next
Set oSupport = CreateObject("CCSUPP01.clsSupport")
If sFile <> "" Then
oSupport.AppendFile sFile, sString
End If
Set oSupport = Nothing
End Sub
'-------------------------------------------------------------
-------------------------
' Generic File Save
'-------------------------------------------------------------
-------------------------
Sub FileSave(ByVal sFile, ByVal sString)
Dim oSupport
On Error Resume Next
Set oSupport = CreateObject("CCSUPP01.clsSupport")
oSupport.SaveFile sFile, sString
Set oSupport = Nothing
HandleError
End Sub
```

Where the HelpUDF.vbs script file is not located in the Config folder, then the CHM CCLAS online help configured by the HelpDirectory and HelpFile GLOBALSETTINGS for CCLASMGR is launched. (This can also be the custom logic within the script file if the target HTML5 online help is not found.) Note that the CHM CCLAS online help files may need to be located on a local drive to run, otherwise they may be blocked by the virus scanners

To run CHM files without compromising network security, the files must be relocated to a local drive.

Accessing the Online Help

From CCLAS 3 applications, click ⑦ on the application ribbon and select **Help » Contents** on the main menu to display the CCLAS EL home page.

From CCLAS 2 applications, select **Help » Contents** on the main menu to display the CCLAS EL home page.

Press the **F1** key in any CCLAS EL application to display the section related to the current application.

Online Help Content

The CCLAS online help provides content related to the following processes:

- General operations—The day-to-day operations for the laboratory, for registration, sample tracking, consumables management, batching operations, data entry and upload operations, QC review, reporting, invoicing and finance, audit review, archive and retrieve.
- Configuration—The set up of the environment and connections, applications, configuration of applications, the domain, users and menus, pricing, registration, tests, instrument automation, QC review, report and routine tasks
- Application customisation—The hook points at which CCLAS is customisable.

The CCLAS online help also contains details on what is new in each CCLAS EL release, descriptions of the CCLAS V2 and V3 screens, and various appendices.

Customer Support

Datamine's commitment to customer service provides our customers with access to a skilled and responsive support team. The global customer support team ensures all customer questions and issues are addressed in a timely manner and escalated as required to ensure resolution.

You should always contact Datamine support if you have an issue. Do not contact individual members of Datamine for support because your issue may not be responded to in a timely manner if that person is unavailable.

For further information about installing or using CCLAS, check your contract with Datamine to determine whether site-specific documentation was supplied to your site.

You should always contact Datamine support if you have an issue. Do not contact individual members of Datamine for support because your issue may not be responded to in a timely manner if that person is unavailable.

Datamine provides global support for CCLAS. If you are a licensed CCLAS user, you can request support via the Support Portal (https://www.dataminesoftware.com/support/).

Before contacting support, you should perform some basic troubleshooting of the issue. This allows you to gather information on the issue to pass on to the support team. Providing detailed information assists the support team to find the cause and resolution to your issue. The required information includes:

- Name of site
- Name of contact person for this issue and the contact details
- Name of application with the issue

- Time at which the issue occurred or was noticed

- The application involved, for example, CCSCHM, CCREGN

- A detailed description of the issue and what the expected results should have been

- A detailed description of any related incident, for example, server failure

- Actions taken to resolve the issue, if any

- The current status of the system.

Screen captures or other content pertinent to the issue, for example, reports, should be provided where possible.

We also welcome feedback about this documentation.

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