Release Notes

LinkOne WebView 3.30
June 2023

Legal Disclaimer
The product described in this documentation may be connected to, and/or communicate information and data via, a network interface, which should be connected to a secure network. It is your sole responsibility to ensure a secure connection to the network and to establish and maintain appropriate measures (such as but not limited to the installation of firewalls, application of authentication measures, encryption of data, installation of antivirus programs, etc.) to protect the product, the network, your systems, and the interface against any kind of security breach, unauthorised access, interference, intrusion, leakage, damage, or corruption or theft of data. We are not liable for damages or losses related to any such security breach, unauthorised access, interference, intrusion, leakage, damage, or corruption or theft of data.

Contents

Enhancements

WebView - Additional features to TOC view

Enhancement Number **LO-1362**

Problem

Customer requested if the extend / collapse everything and page order / true hierarchy table of contents options that are available in WinView, could be introduce to WebView.

Solution

Introduced the options as a sub-menu under View > Contents

Show book category on the current position dialog

Enhancement Number **LO-1363**

Problem

Administrators find it difficult to determine the Category information of the book currently open.

Solution

The Book Category information has been added to the View → Current Position. In addition, If the administrator uses the "Copy Link" function on the page, then navigates to the Configuration → Users or Roles pages, the link details can be used to add access to the book via the Allowed Online Books/Allowed Offline Books Add ("+") functions

Bootstrap upgrade

Enhancement Number **LO-1407**

Description

Boostrap upgraded to 5.2.2 and AspNet.ScriptManager.bootstrap removed

Show book category on the About book dialog

Enhancement Number **LO-1490**

Description

The View → Current Position now includes the Date and Time that the Book was published. The Date and Time are strings written when the book is published and are not converted to a single Universal timezone.

Offline - Browse Books - add All/Downloaded filter

Enhancement Number **LO-1494**

Description

A filter mechanism has been added to the Offline client to all the user to easily list the books that have been downloaded and available offline and full list of books in the library.

Offline - Browse Books - Local search/filter of book name

Enhancement Number **LO-1495**

Description

A local search or filter mechanism has been introduced to the Offline client to allow the user to located a book easily. This is similar to the Quick book search in the Online client.

Feedback feature enhancement

Enhancement Number **LO-1502**

Problem

The Country information in the Feedback from is not used. Some of the instructions can be confusing. Would be better if the feature could be enabled via the online interface.

Solution

Country information has been incorporated into the email. The instructions on the feedback dialog has been reworked to be clearer.

Options have been provided to allow for when the SMTP server has been configure with StartTLS or not and also to change the SMTP port from 25.

Weak Password Policy

Enhancement Number **LO-1563**

Description

In line with increasing cyber security requirements, we have increased the minimum password requires on the default

The following parameters in the membership section the default web.config have been changed

minRequiredPasswordLength="8" (was 4)

passwordStrengthRegularExpression is now set to a regular expression requiring between 8 and 100 character with a combination of Upper case and lower case, numeric and special characters. The previous value was "" (null).

For more information, please refer to   SqlMembershipProvider Class (System.Web.Security)

https://learn.microsoft.com/en-us/dotnet/api/system.web.security.sqlmembershipprovider?view=netframework-4.7.2

 Also the message displayed when the password does not meet the criteria is in Mincom.LinkOne.WebView.config

<add key="Mincom.LinkOne.WebView.WebServer.Services.SecurityService.PasswordRequirement" value="Password requires Non Alphanumeric, Digit, Upper, Lower, and total 8-100 characters." enabled="true" />

Defect Fixes

Wrong Newtonsoft.Json library version reference

Defect Number LO-1406

SFDC Case 20221207-6111105

SFDC Account Fenten Oy

Description

Dependency References to Newtonsoft.Json in web.config have been updated to correctly reflect version in use.

Offline - Migration of downloaded books after update

Defect Number LO-1420

SFDC Case 20221214-6113205

SFDC Account Fenten Oy

Problem

After an upgrade to WebView, there is no migration process for data associated with the offline client.

Solution

Following an upgrade, when the offline client is accessed for the first time, the user will be prompted if they want to migrate the setting from the previous version. Re-downloading the books may still be necessary with the new version.

Offline - Server cache clearance causes issues in downloaded books

Defect Number LO-1421

SFDC Case 20221214-6113197

SFDC Account Fenten Oy

Problem

If the Server cache is deleted (eg in an upgrade) and the Offline book content has expired, the the book fails to open in the Offline viewer.

Solution

Issue has been rectified.

Missing CommonServiceLocator.dll for Advanced Search

Defect Number LO-1422

SFDC Case 20221216-6114089

SFDC Account Fenten Oy

Description

Included missing CommonServiceLocator.dll

Accept-Language header with some values causes exception

Defect Number LO-1445

SFDC Case 20230124-6124583

SFDC Account Fenten Oy

Problem

When a user has Norwegian set as their primary web browser language, errors are thrown.

Solution

Code adjusted to accept these combinations.

Javascript exception on book viewer on certain browser zoom levels

Defect Number LO-1452

SFDC Case 20230130-6126529

SFDC Account Fenten Oy

Problem

When browser was set at 110% scaling, Javascript errors were reported on the console

Solution

Code corrected to eliminate errors

Wrong local font loaded

Defect Number LO-1457

SFDC Case 20230203-6128389

SFDC Account Fenten Oy

Problem

Following the font change in version 3.29, the font-face CSS-rule was not correctly modified which may cause the incorrect font with an empty name to be loaded on the client computer.

Solution

CSS rules updated correctly to reflect the change

Pictures do not load when primary browser language is to French

Defect Number LO-1500

SFDC Case 20230224-6135576

SFDC Account Fenten Oy

Problem

When feedback features is enabled and browser is using French locale, images are not displayed.

Solution

Issue rectified.

Feedback feature has multiple issues

Defect Number LO-1501

SFDC Case 20230227-6136159

SFDC Account Fenten Oy

Problem

Users encountered issues, particularly with Firefox where popups were blocked, particularly when a significant period (eg multiple seconds) elapsed.

Solution

A new interim page is displayed showing the screen capture.

If the Feedback function is not configured correctly, the user will get the error "Failed to send Feedback". more details regarding the error is written to a log located in ~/Data/Log

Inconsistent X-UA-Compatible http header value

Defect Number LO-1557

SFDC Case 20230516-6160437

SFDC Account Fenten Oy

Problem

Inconsistent values of the HTTP header attribute X-UA-Compatible used

Solution

With Microsoft ceasing support of Internet Explorer, the value has been changed to "IE=edge" to avoid potential issues of Edge browser running in compatibility mode.

Uppercase search term does not match to a book code.

Defect Number LO-1559

SFDC Case 20230517-6160979

SFDC Account Fenten Oy

Problem

From the Browse Books page, Book Search will not locate a Book by Book Code unless case matches.

Solution

Code modified so that all matches by Book code are done in the same case.

Old CSS files are cached

Defect Number LO-1424

SFDC Case 20221209-6111813

SFDC Account Fenten Oy

Problem

Following an upgrade, the previous version CSS files are being cached in the client browsers.

Solution

As part of the installation process, the supplied css filenames will have the version details appended to the filename. This will force the browser to load the new versions.

Note that this changes does not impact any customised themes and the caching of these files during an upgrade may still occur.

Book indexing service will still not restart after an error

Defect Number LO-1499

SFDC Case 20230214-6131711

SFDC Account Fenten Oy

Problem

LinkOneBookIndexing service does not restart after encountering and error

Solution

When the service was abnormally terminating, it was not exiting with the correct return code to trigger a recovery situation. This condition was simulated by using the End Process Tree function within Task Manager. Code was adjusted to return the non zero return code

Unclear error message when changing password

Defect Number LO-1546

SFDC Case 20230424-6154013

SFDC Account Fenten Oy

Description

When the user changes the password, if they incorrectly enter the existing password, the error message confusingly states "Password could not be changed."

Solution

Code corrected and in this scenario, the user will now message "You have entered an invalid password will be displayed"

Small correction to Technical Reference manual

Defect Number LO-1556

SFDC Case 20230512-6159538

SFDC Account Fenten Oy

Description

Documentation updated to correctly define security call in Technical Reference, section 7.10