

ExLibris

SFX

Release Notes

20173800

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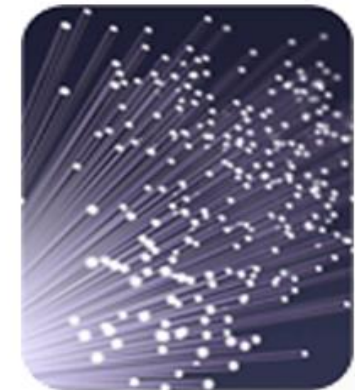
Highlights

12 targets added

New User Interface for the CitationLinker

Enhancements to the Journal Search user interface

Additional enhancements include



Target Name Changes:

CCC_GET_IT_NOW_AMERICAN_MICROBIOLOGY_SOCIETY changed to
CCC_GET_IT_NOW_AMERICAN_SOCIETY_FOR_MICROBIOLOGY to better match the organization name

Targets to be removed in the next (the 20173900 revision):

BIOMED_CENTRAL_SELECTED_FREE content can be found via BIOMED_CENTRAL_OPEN_ACCESS_FREE

Applying the Revision

The following packages are released:

sfx-kbsw-update-20173800.run

sfx-kbdb-update-20173800.run

sfx-sw-update-4.10.1.run

For directions on applying the revision, refer to the **SFX KB Update** section of the *SFX General User's Guide*.

Highlights (September Software Release)

New User Interface for the CitationLinker

This release introduces a redesign of the CitationLinker interface, available both as accessible with its own URL, as well as integrated in the new Journal Search. The CitationLinker uses the same user interface banner as the Journal Search and also the same css file. The configuration is accessible on SFXAdmin via the **Journal Search and A-Z List (including CitationLinker)** link. For further information, refer to the *SFX General User's Guide*.

A new Interface for the ebook search is planned to become available in the December release.

Enhancements to the Journal Search User Interface

In the Journal Search user interface, a new configuration option was added to allow the display of a header similar to the CitationLinker user interface. The display of the header is configurable in the Design section of the Journal Search configuration on SFXAdmin under **User Interface elements to be included in the view**. Note that the new header does not appear by default.

A new broken link report option was added to the Journal Search. It is configurable via SFXAdmin > Menu Configuration > General Configuration.

Additional Enhancements

In the SFX Menu, a new SFXAdmin configuration option was added to make the opening of target in same or new tab/window configurable. (NERS 2016)

An option was added in the Advanced Export to add alternative titles to the Primo export file. (NERS 2016)

A new display logic rule condition was added to prevent the display of several targets from the same vendor with the same date coverage. The condition `same_coverage` allows customers to specify a display logic rule that suppresses targets from display in such cases. (NERS 2016)

Changed KB Software

Type of Change	Component	Description	Solution	File List
Correction	TargetParser	Improve DOI based chapter level linking for Springer::BOOKS.	The Springer::BOOKS target parser was updated to improve DOI based article level linking.	lib/Parsers/TargetParser/Springer/BOOKS.pm
Correction	Configuration File	Add DOI prefix to the <code>doi_supported</code> section in SAGE::Journals.	The DOI allowed configuration file was updated to support additional prefixes.	config/doi_allowed_prefixes_for_linking.config_

Issue Type	Components	Summary	Documentation Required	Changed Files	SF Case	Key
Enhancement	CitationLinker	Redesign of CitationLinker UI	SFX General User's Guide	config/local_httpd.config lib/AZLIST/Base.pm lib/Navigation/Base.pm lib/AZLIST/AZList_Util.pm lib/JournalSearch/JournalSearch.pm cgi/core/citation-linker.cgi lib/FetchItem.pm templates/navigation/tail.tpl templates/navigation/head.tpl templates/navigation/language_select.tpl templates/navigation/navigation_bar.tpl templates/navigation/mobile_navigation_bar.tpl templates/fetchitem/main.tpl templates/fetchitem/form.tpl templates/fetchitem/head.tpl templates/js/fetchitem/fetchItem.js templates/journalsearch/title_set.tpl sfxadmin/journalsearch_setup.cgi templates/sfxctrl/journalsearch/main_journalsearch.tpl dbs/sqltab/CONTROL.tab templates/css/journalsearch/style.css templates/css/journalsearch/style.min.css templates/css/journalsearch/Material_icons.css templates/sfxctrl/admincenter.html templates/journalsearch/report_broken_link.tpl sfxadmin/multilanguage/main.cgi templates/sfxctrl/multilanguage/main.tpl		SFX-6722

Issue Type	Components	Summary	Documentation Required	Changed Files	SF Case	Key
				revision_maker/applysw/foreachinstance.pl revision_maker/applysw/update_configuration_for_f etchitem.pl revision_maker/applysw/patch-pre-4.10.1-4.pl revision_maker/applysw/add_journalsearch_link_to _navigation_bar.pl <rmfiles> templates/journalsearch/tail.tpl templates/journalsearch/head.tpl templates/journalsearch/language_select.tpl templates/journalsearch/navigation_bar.tpl templates/journalsearch/mobile_navigation_bar.t mp </rmfiles>		
Enhancement	Front End - SFX Menu	PWG 2016 7: SFX Menu: make configurable opening of target in same or new tab/window.	SFX General User's Guide	templates/sfxctrl/custom/general_configuration.t mp lib/SFXMenu/ContextService/Engine.pm lib/SFXMenu/Base.pm lib/SFXMenu/Output/HTML.pm sfxadmin/custom.cgi		SFX-6509
Enhancement	Back Office - Export	PWG 2016 3 - Add alternative title to the Primo Export File. If you want to include alternative titles in the XML export (for example, for Primo), a one-time complete export file needs to be generated to ensure that all alternative titles are included in the file. Creating an incremental export file means that only the newly added records include alternative titles, not the journals/books that were not changed recently.	SFX General User's Guide and SFX Advanced User's Guide	admin/kbtools/export.pl lib/Admin/Tool.pm lib/DBLayer/Title.pm lib/Admin/Object.pm templates/js/admin_tools/export.js templates/sfxctrl/export/export.tpl templates/sfxctrl/profile/add_edit.tpl		SFX-6508

Issue Type	Components	Summary	Documentation Required	Changed Files	SF Case	Key
Enhancement	SFX Menu - Display logic	PWG 2016 4: Display Logic rules should not display several targets from the same vendor with same date coverage. A new condition was added to allow customers to specify a display logic rule that suppresses targets in this case.	SFX General User's Guide	sfxadmin/custom.cgi templates/sfxctrl/custom/display_logic_add_edit.tpl lib/SFXMenu/Services/DisplayLogic.pm	389359, 436090	SFX-6138
Enhancement	Journal Search	In the Journal search UI, provide a configuration option to display a header similar to the CitationLinker / Fetch item UI. The display of the header is configurable in the Design section of the Journal Search configuration on SFXAdmin under User Interface elements to be included in the view . The new header does not appear by default.	SFX General User's Guide	templates/journalsearch/title_set.tpl templates/sfxctrl/journalsearch/main_journalsearch.tpl revision_maker/applysw/patch-pre-4.10.1-4.pl		SFX-7100

Issue Type	Components	Summary	Documentation Required	Changed Files	SF Case	Key
Enhancement	JournalSearch - FE	Add the broken link report option to Journal Search.		lib/AZLIST/Base.pm templates/js/journalsearch/journalSearch.js lib/JournalSearch/JournalSearch.pm templates/journalsearch/results_full_view.tpl templates/journalsearch/object_view.tpl templates/css/journalsearch/journalSearch.css templates/navigation/head.tpl templates/journalsearch/title_set.tpl lib/AZLIST/AZList_Util.pm lib/NetWrap/REST/Handler/SFXMenu.pm templates/sfxctrl/custom/general_configuration.t ml templates/sfxctrl/journalsearch/main_journalsearch .tpl revision_maker/applsw/patch-pre-4.10.1-2.pl		SFX-6899
Task	Utilities - Server Admin Util	Improve the Statistics offline2file script to allow it to be added to the Task Manager.		admin/stats/file2offline.pl		SFX-6858
Task	Back Office - KBManager	Improve response time of KBManager tables to solve slowness for the following actions: - Search for an object name in KBManager > Objects - Search for an object name in the Object Portfolio List - Sort the Object Portfolio List				SFX-6902

Issue Type	Components	Summary	Documentation Required	Changed Files	SF Case	Key
Task	General	Support of Apache 2.4.x		config/httpd.conf config/ssl.config.sample proxy/conf/httpd.conf	349276	SFX-6505
Defect	General - Security	<p>IMPORTANT: We disabled weak ciphers in both Proxy and Local Apache web servers: Disabled 128 SHA TLS 1.0/1.1/1.2</p> <p>Since currently SSL should be configured only on Proxy Apache, customers with legacy SSL configuration on the instance level should contact SFX support for guidance. Changes done by the service pack will not enhance existing configurations.</p> <p>Customers who already use SSL on Proxy SFX Apache have to restart it in order for changes take effect.</p> <p>Solaris 10 customers who configure SSL in the future will possibly need to revert SSLProtocols and SSLCipherSuite directives in proxy/conf/ssl.config (as noted in file itself) in order to avoid an issue with Internet Explorer 11.</p>	In Release Notes	config/ssl.config.sample		SFX-6837

Issue Type	Components	Summary	Documentation Required	Changed Files	SF Case	Key
Defect	General - Security	<p>IMPORTANT: To enhance server security, we will limit HTTP methods accepted by Proxy and Local Apache servers to GET / PUT / OPTIONS. This limit only applies to the following directory:</p> <p>/exlibris/sfx_ver/sfx4_1/<instance>/sfxadmin /</p> <p>Customers using other methods accessing this path should consult SFX Support.</p>		<p>proxy/conf/httpd.conf config/httpd.conf</p> <p><extrafiles> revision_maker/applsw/patch-pre-4.10.1-3.pl revision_maker/applsw/limit_http_methods.pl </extrafiles></p>		SFX-6834
Defect	General - Security	<p>Apache ETag Header Information Disclosure (Medium Vulnerability). To address CVE-2003-1418 Etag disclosure vulnerability customers should consider adding:</p> <p>FileETag MTime Size directive in proxy/conf/httpd.conf just before the below line:</p> <p>Include /exlibris/sfx_ver/sfx4_1/sfxglb41/config/reverse_proxy_httpd.conf__</p>		proxy/conf/httpd.conf	413191	SFX-7016
Defect	General - Security	Fixed duplicate entry for include directive in ssl.config.sample file.		config/ssl.config.sample		SFX-7028
Defect	APIs - External Integration	Solve problem with Ebsco API with handling of issue information that includes alphabetical characters (e.g.supplement info). To solve the issue with Ebsco not handling supplement information in the issue, as part of the API call to Ebsco, SFX will remove issue information from the Ebsco API request in case the issue information includes alphanumeric characters.		lib/Parsers/PlugIn/Ebsco.pm		SFX-6515

Issue Type	Components	Summary	Documentation Required	Changed Files	SF Case	Key
Defect	APIs - RSI	Solved the problem with SFX RSI API for ebooks not working for SFX instances with Apache alias/renaming.		lib/Admin/RSI/iRapidServiceAPI.pm lib/DBLayer/IRSI.pm	449710	SFX-7049
Defect	Back Office - Export	Solved the problem with objects with only eISSNs (no ISSN) not being included in PubMed XML LinkOut file.		lib/Admin/Tool.pm	432220	SFX-6997
Defect	Back Office - Export	Fixed Google Scholar export tool problem if the == (exact) threshold was combined with a regular start and end parsedDate threshold. The volume/issue of exact threshold is omitted in some cases.		lib/Parsers/ThresholdParser.pm	390738	SFX-6676
Defect	Back Office - General (SFX)	Fixed medium vulnerability disclosing server details in some cases.		sfxadmin/sfxctrl.cgi		SFX-6961
Defect	Back Office - KBManager	Solved the problem of customers using HTML in the KBManager Target/Service/Portfolio General note field. In some cases, even though the disable_XSS_validation flag was turned on, it was still not possible to use HTML in this field.		lib/MetaData/Validator.pm	453645, 435548	SFX-7019
Defect	Back Office - MARCIt!	For Alma MARCIt! Profile, a negative weight (minus 100) was added for Microfilm and Microfiche records (if 008 position 23 is a or b).		/exlibris/aleph/a21_1/jnl99/tab/tab_augment_preferred		SFX-6474
Defect	Back Office - SFXAdmin - General	Fixed problem with SFXAdmin deep linking to target service, portfolio, and object sections.		sfxadmin/sfxctrl.cgi	458595	SFX-7082
Defect	Back Office - SFXAdmin - General	Fixed issue in SFXAdmin when changing the configuration 'Display SFX menu without banner if user is coming from Primo'. The page returned an empty page instead of SFXAdmin after 'Submit'.		templates/sfxctrl/custom/general_configuration.tpl	421957	SFX-6951

Issue Type	Components	Summary	Documentation Required	Changed Files	SF Case	Key
Defect	Back Office - Statistics	Fixed detection of client IP (end user) for storing in statistics when SFX server is behind Load Balancer.		lib/ContextObject/Generic.pm	400816	SFX-6923
Defect	BO KB Tools - Collection Tool	Fixed issue with two comparison sets in Collection Tool when building the set of Active portfolios for a group.		lib/Admin/CollectionTool/DBCcollectionSetLoader.p m	375407	SFX-6617
Defect	BO KB Tools - Data Loader	Fixed problem with dataloader failing for 150,000 activations. The problem was caused by a memory issue.		lib/Admin/Tool/DataLoader.pm	348254, 383349	SFX-6567
Defect	BO KB Tools - Export Tool	Fixed problem in Export tool when exporting a threshold with ignore_date_threshold.		lib/Parsers/TargetDisplayer.pm	412693	SFX-6927
Defect	Front End - A-Z List	Fixed incorrect sorting of journals with localized titles when the original title has diacritics and not localized and vice-versa.		lib/DBLayer/TitleKeys.pm	405477	SFX-6863
Defect	Front End - A-Z List	Fixed problem in SFX A-Z list with the Category tab and Locate tab not working properly after selecting one of the letters in the A B C letter row. The Locate and Category tab lists did not show results.		lib/AZLIST/Base.pm	434805	SFX-7050
Defect	Front End - SFX Menu	Fixed the issue with the Multi Object screen results not being sorted correctly. Results having active portfolios will be displayed at the top of the list, sorted by title. All other results will be displayed after these and will also be sorted by title.		lib/MultiObject/Engine.pm	425840, 44213	SFX-4909
Defect	Front End - SFX Menu	Fixed problem with some authors not being stored in the CTXO when fetched from from CrossRef in case the CTXO before the fetch already had author Information.		lib/ContextObject/Engine/OpenURL.pm	351081	SFX-6519

Issue Type	Components	Summary	Documentation Required	Changed Files	SF Case	Key
Defect	Front End - SFX Menu	Enabled use of HTML markup in translation for Note and Authentication labels for the SFX Menu Simplified template.	Implementation notes	templates/simplified_template1/target_list.tpl	413568	SFX-6914
Defect	General - Other	SFX has been updated with Apache. Further updates will be only for version 2.4. A restriction has been added on the Apache version that ensures that future updates will be installed only if a specific Apache version has already been installed.		revision_maker/applyextra/apply.pl		SFX-6604
Defect	General - Performance	Fixed rare case for A-Z list search in a case where more than 40.000 titles should be shown as a result of the search, for example, searching for ' ' (the space character). The A-Z list displayed an error message. After the fix, the A-Z list result list no longer fails with error. The pagination ranges, however, are not displayed correctly for searches with such a high number of results.		lib/AZLIST/AZPaginator.pm	447636	SFX-7020
Defect	JournalSearch - BO	Improve help text '?' in Journal Search CSS customization section		templates/sfxctrl/journalsearch/main_journalsearch.tpl		SFX-7003
Defect	JournalSearch - FE	Fixed the problem with target service names in the Journal Search object full view sidebar. The names to be displayed should be taken first from the Service Public Name (local / global) and only if both are missing from Translations & Display.	Implementation notes	lib/NetWrap/REST/Handler/SFXMenu.pm templates/journalsearch/object_view.tpl	458648	SFX-7098
Defect	JournalSearch - FE	Need to add the Vocal Journal Search UI translations.		revision_maker/applysw/patch-pre-4.10.1-4.pl		SFX-6975

Issue Type	Components	Summary	Documentation Required	Changed Files	SF Case	Key
Defect	SFX Menu - SFX Menu	Fixed problem with the Report Broken Link option not working.		lib/Beacon/BrokenLinks.pm	457490	SFX-7083
Defect	SFX Menu - SFX Multi object menu	Fixed problem with the full text indication in the multi-object menu still being displayed as English after the language is changed in the language drop-down list.		revision_maker/applysw/patch-pre-4.10.1-4.pl		SFX-6694
Defect	Back Office - Export	Fixed Apache warnings caused by Advanced export.		lib/Admin/Tool.pm		SFX-6605
Defect	General - Security	Fixed problem with https in IE 11 displaying an error message when using the ssl.config.sample file.		config/ssl.config.sample		SFX-7101
Defect	SFX Menu	Fixed problem with Report Broken link not working when an institute name is excluded from the SFX menu URL for an institute specific Journal Search profile. To solve this problem, in the link provided for the Journal Search profile in the SFXAdmin Journal Search Configuration > General page, the institute name is added. Note that this is only done if a single institute is defined for that profile.		templates/sfxctrl/journalsearch/main_journalsearch.tpl sfxadmin/journalsearch_setup.cgi		SFX-7112

New Targets and Target Services

Target Name	Description	Target Service	Linking Level	For More Information
BLOOMSBURY_COLLECTIONS_ANTHROPOLOGY_2017	Bloomsbury Collections provides access to research and eBooks across the humanities and social sciences sphere.	getFullTxt	BOOK	For more information: https://www.bloomsburycollections.com
BLOOMSBURY_COLLECTIONS_BIBLICAL_STUDIES_2017	Bloomsbury Collections provides access to research and eBooks across the humanities and social sciences sphere.	getFullTxt	BOOK	For more information: https://www.bloomsburycollections.com
BLOOMSBURY_COLLECTIONS_CLASSICAL_STUDIES_AND_ARCHAEOLOGY_2017	Bloomsbury Collections provides access to research and eBooks across the humanities and social sciences sphere.	getFullTxt	BOOK	For more information: https://www.bloomsburycollections.com
BLOOMSBURY_COLLECTIONS_EDUCATION_2017	Bloomsbury Collections provides access to research and eBooks across the humanities and social sciences sphere.	getFullTxt	BOOK	For more information: https://www.bloomsburycollections.com
BLOOMSBURY_COLLECTIONS_FILM_AND_MEDIA_STUDIES_2017	Bloomsbury Collections provides access to research and eBooks across the humanities and social sciences sphere.	getFullTxt	BOOK	For more information: https://www.bloomsburycollections.com
BLOOMSBURY_COLLECTIONS_HART_PUBLISHING_2017	Bloomsbury Collections provides access to research and eBooks across the humanities and social sciences sphere.	getFullTxt	BOOK	For more information: https://www.bloomsburycollections.com
BLOOMSBURY_COLLECTIONS_HISTORY_2017	Bloomsbury Collections provides access to research and eBooks across the humanities and social sciences sphere.	getFullTxt	BOOK	For more information: https://www.bloomsburycollections.com
BLOOMSBURY_COLLECTIONS_LINGUISTICS_2017	Bloomsbury Collections provides access to research and eBooks across the humanities and social sciences sphere.	getFullTxt	BOOK	For more information: https://www.bloomsburycollections.com
BLOOMSBURY_COLLECTIONS_LITERARY_STUDIES_2017	Bloomsbury Collections provides access to research and eBooks across the humanities and social sciences sphere.	getFullTxt	BOOK	For more information: https://www.bloomsburycollections.com
BLOOMSBURY_COLLECTIONS_PHILOSOPHY_2017	Bloomsbury Collections provides access to research and eBooks across the humanities and social sciences sphere.	getFullTxt	BOOK	For more information: https://www.bloomsburycollections.com

Target Name	Description	Target Service	Linking Level	For More Information
BLOOMSBURY_COLLECTIONS_RELIGIOUS_STUDIES_2017	Bloomsbury Collections provides access to research and eBooks across the humanities and social sciences sphere.	getFullTxt	BOOK	For more information: https://www.bloomsburycollections.com
BLOOMSBURY_COLLECTIONS_THEOLOGY_2017	Bloomsbury Collections provides access to research and eBooks across the humanities and social sciences sphere.	getFullTxt	BOOK	For more information: https://www.bloomsburycollections.com

Implementation Instructions

Target Service Name Display Issue in Journal Search Object Full View Sidebar

The names to be displayed should be taken from the **Service Public Name** database field. Only if this database field is blank, should the names be taken from Translations & Display.

If you made changes in the local SFX instance to the file listed below, you need to manually make the changes described below to benefit from this change.

File: templates/journalsearch/object_view.tpl

Find line:

```
<span dir="auto">{{multilanguage_service_name}}  
{{target_public_name}}</span>
```

Change it to:

```
<span dir="auto">{{service_name_display}} {{target_public_name}}</span>
```

Enabled Use of HTML Markup in Translation for Note and Authentication Labels for SFX Menu Simplified Template

If you made changes in the local SFX instance to the file listed below, you need to manually make the changes described below to benefit from this change.

File: templates/simplified_template1/target_list.tpl

1. Find line:

```
<TMPL_VAR ESCAPE=HTML NAME='MESSAGE("SFX Menu Main","Extra--  
Note")'>:<TMPL_VAR NAME='NOTE'>
```

Change it to:

```
<TMPL_VAR NAME='MESSAGE("SFX Menu Main","Extra--Note")'>:<TMPL_VAR  
NAME='NOTE'>
```

2. Find line:

```
<TMPL_VAR ESCAPE=HTML NAME='MESSAGE("SFX Menu Main","Extra--  
Authentication")'>: <TMPL_VAR NAME='AUTHENTICATION'>
```

Change it to:

```
<TMPL_VAR NAME='MESSAGE("SFX Menu Main","Extra--Authentication")'>:  
<TMPL_VAR NAME='AUTHENTICATION'>
```