

ExLibris

SFX

Release Notes

20153500

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Targets to be removed in the next (the 20153600) revision:

Advised by the vendor, content available in new Taylor and Francis targets:

INFORMA_HEALTHCARE_JOURNALS

INFORMA_HEALTHCARE_JOURNALS_ARCHIVE

INFORMA_HEALTHCARE_JOURNALS_CURRENT

Target Name Changes:

BIBSAM_INFORMA_HEALTHCARE_JOURNALS_2014-2016 changed to

CLASSIQUES_GARNIER_NUMÉRIQUE changed to CLASSIQUES_GARNIER_NUMERIQUE

TAYLOR_FRANCIS_MEDICAL_CLASSIC_ARCIVE corrected to TAYLOR_FRANCIS_MEDICAL_CLASSIC_ARCHIVE

TAYLOR_FRANCIS_MEDICAL_MODERN_ARCIVE corrected to TAYLOR_FRANCIS_MEDICAL_MODERN_ARCHIVE

Applying the Revision

The following packages are released:

sfx-kbsw-update-20153500.run

sfx-kbdb-update-20153500.run

sfx-sw-update-4.8.1.run

sfx-extra-update-4.8.1.run

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

Highlights

SFX Admin Changes

The Export tool > Basic export has been enhanced with a new option to configure the fields to be included in the SFX export files. For the first three queries, it is possible to define the fields and the order in which they appear in the output file. Field selection is restricted to fields that are already part of the export tool scope.

SFX Menu Changes

In the Broken link report configuration, an option has been added to provide feedback to end users reporting link problems. When this new option is enabled, when the end user clicks **Report broken link** in the SFX menu, a new pop-up window appears with the following:

- 1) A confirmation that the broken link message has been reported to the library for further analysis
- 2) An option to receive follow-up information if the end user provides contact information (via an email address).

Additionally, the Broken link report configuration has been moved to SFX Admin Center > Set-up & Administration > Menu Configuration > Simplified Template > Target Design. All existing UNIX configuration settings are automatically made accessible via the BO when applying SP 4.8.1.

Capture Citation Target Changes

The Capture Citation target has been changed to fix the display of author information formatting in APA, Chicago, MLA, and CBE citation styles.

Additionally, a disclaimer has been added to the bottom of the Capture citation target window to alert end users that the citation information SFX receives via the OpenURL is not always complete or correctly formatted and may require manual editing before use. : "It is recommended to check that the citation is complete and correctly formatted, as some citation elements may not have been available to SFX."

Also, MLA citations now include the publishing method type **Web** to comply with the latest version of the MLA style.

Potential Security Vulnerability

To solve a potential security vulnerability, it is highly recommended to check the following in the Apache configuration file of each SFX instance: local apache ports need to be restricted to be accessible from localhost only.

The instructions to do so are as follows:

1. Log into the SFX server and go to /exlibris/sfx_ver/sfx4_1/<instance>/config/
2. Type vi httpd.conf
3. Find uncommented line with: Listen 0.0.0.0:<port>
4. Change it to: Listen localhost:<port>
5. Type :wq to save and close the file
6. Restart Apache of <instance> by using `apachectl restart`. Use the Server Admin Utility to restart Apache.

Note: For Cloud customers, these changes are handled by Ex Libris. No changes need to be made by the customer.

Changed KB Software

Type of Change	Component	Description	Solution	File List
Correction	TargetParser	PubMed::central add exception=no_zero to prevent the appearance of leading zeroes in volume and issue values.	The PubMed::central target parser has been updated to enable removing leading zeroes from the volume and issue values in the metadata based target URLs at the article level.	lib/Parsers/TargetParser/PubMed/central.pm
Correction	TargetParser	Update the BIOMED::BIOMED target parser to modify using the <code>rft.artnum</code> field.	The BIOMED.pm target parser has been modified to enable using the article number sent via Web of Knowledge records in links at the article level.	lib/Parsers/TargetParser/BIOMED/BIOMED.pm
Correction	TargetParser	Fix the SPRINGER.pm target parser to only force the first value of <code>rft.issue</code> to a target URL at the article level.	The SPRINGER.pm target parser has been updated to specially handle metadata based article level links with a complex issue value.	lib/Parsers/TargetParser/Springer/SPRINGER.pm
Correction	Configuration file	Add more DOI prefixes to be used in links to article level in Sage.	Additional DOI prefixes are placed in a <code>doi_allowed_prefixes_for_linking.config</code> file to be used in article level links to Sage resources.	config/doi_allowed_prefixes_for_linking.config
Correction	TargetParser	Remove the value in parentheses from <code>atitle</code> in a target link to Ebsco based on a combination of <code>atitle</code> and <code>jtitle</code> .	Additional modifications have been done for EBSCOHost article level linking structure when it is based on a combination of article title and journal	lib/Parsers/TargetParser/EBSCO_HOST/ebsco_am.pm
Correction	TargetParser	Update the especial PC/SFX link to Informit.	The INFORMIT::ELIBRARY target parser has been updated to build article level links of a special structure intended for mutual SFX/PC customers with data coming from all the Informit collections available in a PCI.	lib/Parsers/TargetParser/INFORMIT/ELIBRARY.pm

Changed Programs – SFX Software

Type of Change	Component	Description	Related Documentation	File List	Defect Number	SI Number
Enhancement	Back Office - Export Tool > Basic Exports	A new option to configure fields to be included in SFX export files. In the first three basic export queries, for the fields that already exist in the export, it is possible to define the fields and the order in which they appear in the output file.	SFX General Users Guide	sfxadmin/export.cgi templates/sfxctrl/export/export.tmpl templates/js/admin_tools/add_remove.js templates/js/admin_tools/export.js lib/Admin/Tool.pm lib/Manager/ConfigDB.pm lib/Manager/Config.pm	SFX-5438	148016

Type of Change	Component	Description	Related Documentation	File List	Defect Number	SI Number
Enhancement	SFX Menu - Broken link report	In the Broken link report configuration, an option has been added to provide feedback to end users reporting link problems. When this new option is enabled, when the end user clicks Report broken link in the SFX menu, a new pop-up window appears with the following: 1) A confirmation that the broken link message has been reported to the library for further analysis 2) An option to receive follow-up information if the end user provides contact information (via an email address). Additionally, the Broken link report configuration has been moved to SFX Admin Center > Set-up & Administration > Menu Configuration > Simplified Template > Target Design. All existing UNIX configuration settings are automatically made accessible via the BO when applying SP 4.8.1.	SFX General Users Guide and Implementation Instructions	lib/SFXMenu/BrokenLinks.pm lib/Beacon/BrokenLinks.pm lib/SFXResolver/Engine.pm lib/Manager/ConfigFile.pm lib/Manager/Config.pm sfxadmin/custom.cgi cgi/core/sfxreportlinks.cgi templates/js/admin_tools/other_menus.js templates/js/admin_tools/email.js templates/js/sfxmenu/gbs.js templates/sfxctrl/custom/simplified_and_mobile_configuration.tpl templates/sfxctrl/custom/custom.tpl templates/simplified_template1/sfxmenu.tpl config/beacon.config_ config/ctx_object.config templates/css/simplified_template1/brokenlink.css lib/SFXMenu/Output/HTML.pm revision_maker/applysw/move_broken_link_configuration_fields.pl revision_maker/applysw/patch-pre-4.8.1-1.pl revision_maker/applysw/patch_add_css_file.pl revision_maker/applysw/foreachinstance.pl	SFX-5437	
Enhancement	Back Office - KBManager	For screens with an horizontal resolution of more than 1280 pixels, the width of Target Name field in the list of targets has been		templates/css/sfx_admin.css	SFX-5398	103985

Type of Change	Component	Description	Related Documentation	File List	Defect Number	SI Number
Enhancement	Back Office - Statistics	Improve the error message that appears if no ISSN is entered for Statistics Query 9.		sfxadmin/stats_main.cgi	SFX-5780	
Enhancement	BO KB Tools - Data Loader	Improve DataLoader KBART format handling of coverage information (such as volume and issue) with non-numerical characters. The volume and issue information with non-numerical characters in KBART files will instead be replaced with 'undef' in the SFX threshold statements generated by DataLoader.		lib/MetaData/Validator/Threshold.pm lib/Admin/Tool/DataLoader.pm	SFX-5641	149792
Enhancement	Front End - SFX Menu	Improve SFX Menu on-screen debugging messages to provide the full path to the function called.		lib/SFXMenu/Debug.pm	SFX-2973	13785
Enhancement	General - Other	Update OpenSSL to version 1.0.1p.		extra package	SFX-5594	
Enhancement	SFX Menu - TargetParser	Update the Capture Citation target UI to alert the end user that the citation information SFX receives via the OpenURL is not always complete or correctly formatted and may require manual editing before use. The following disclaimer has been added to the bottom of the Capture citation target window: "It is recommended to check that the citation is complete and correctly formatted, as some citation elements may not have been available to SFX."	Implementation Instructions	templates/targets/capture_citation/capture_citation.t mpl	SFX-5628	147944

Type of Change	Component	Description	Related Documentation	File List	Defect Number	SI Number
Enhancement	SFX Menu - TargetParser	Update the Capture Citation target MLA style to include the publishing method type: Print./Web. According to the latest version of the MLA style, the publishing method should be included. If the user selects the MLA style from the drop down, SFX adds 'web' to the citation and displays the following message below the Citation box: "The MLA style requires the medium of publication to be included in the citation as either 'web' (for electronic sources) or 'print' (for print sources). Please change your citation to include 'print' instead of 'web' if needed."	Implementation Instructions	cgi/public/capture_citation.cgi templates/targets/capture_citation/capture_citation.t mpl	SFX-5695	151414
Enhancement	SFX Menu - TargetParser	Update the Capture Citation target to fix the display of author information formatting in APA, Chicago, MLA, and CBE citation styles.		cgi/public/capture_citation.cgi	SFX-2874	16575, 24059
Defect	Back Office - Export	Fixed the problem in Google Scholar export when institute and group specific thresholds have been defined in the SFX instance. The availability information in the export file was taken from the global threshold instead of the group specific threshold defined for a specific portfolio, if the Google Scholar export was created for a specific instance.		lib/DBLayer/Institute.pm lib/DBLayer/TargetService.pm	SFX-5653	151607, 123109
Defect	Back Office - Export	Fixed the problem with warning messages appearing when using the export tool cron script: "Uninitialized Value".		lib/Admin/Tool.pm lib/Admin/Tool/Kbart.pm	SFX-5651	148885, 156523, 159496
Defect	Back Office - KBManager	Removed Apache log error if Publisher information is missing when viewing or editing objects in KBmanager.		sfxadmin/search_objects.cgi	SFX-5664	

Type of Change	Component	Description	Related Documentation	File List	Defect Number	SI Number
Defect	Back Office - KBManager	Fixed the problem with Internet Explorer not properly displaying very long values for parse param fields.		templates/css/sfx_admin.css	SFX-5394	
Defect	Back Office - Localization Manager	When running a check threshold syntax query from the Localization Manager, the Reports tab is inaccessible until the query finished running. This has been fixed. The Reports tab is now accessible while running the check threshold syntax query.		lib/Admin/LocalizationTool/ObjectPortfolios.pm	SFX-5745	
Defect	Back Office - OpenURL Generator	Link to OpenURL Generator in Localization Manager does not work due to a missing javascript file. This problem has been fixed.		templates/sfxctrl/localization/head.tmpl	SFX-5750	158241
Defect	Back Office - SFXAdmin - General	Fixed the problem with the L/P button of a target service disappearing after running the KBDB revision. The problem occurred only for target services updated in the KBDB revision where a local parser or local parse_param value had been defined.		lib/DBLayer/TargetService.pm	SFX-5692	24912, 120309
Defect	BO KB Tools - Collection Tool	Fixed the problem in Collection Tool scheduler option. The words Click here was not clickable. Instead, only the calendar icon next to the text was clickable.		templates/js/admin/collection_wizard.js	SFX-5688	
Defect	BO KB Tools - Data Loader	Fixed a problem in dataloader when updating author information. The load type 'overwrite' did not work properly for authors.		lib/Admin/Object.pm	SFX-5774	

Type of Change	Component	Description	Related Documentation	File List	Defect Number	SI Number
Defect	BO KB Tools - Export Tool	Fixed logic of calculating MARC 100 (MAIN) versus MARC 700 (ADDITIONAL) fields for authors in the SFX Advanced exports. Before the change, if no MAIN author existed in the SFX KnowledgeBase, the first additional author would be included in the 100 MARC field of the export file. This has been changed: only MAIN authors are included in the 100 field, and all ADDITIONAL authors are included in the 700 field. The change has been made for the MARC XML and Aleph Sequential exports. The following mapping between SFX KB -> MARC field will be used: MAIN author of type personal -> MARC 100 MAIN author of type corporate-> MARC 110 MAIN author of type meeting-> MARC 111 MAIN author of type undef -> MARC 100 ADDITIONAL author of type personal -> MARC 700 ADDITIONAL author of type corporate -> MARC 710 ADDITIONAL author of type meeting -> MARC 711 ADDITIONAL author of type undef -> MARC 700		lib/Admin/Tool.pm	SFX-5644	138872
Defect	BO KB Tools - Export Tool	In Advanced Export profiles, when adding a new MARC XML profile, the parameter 'Include service types' is now checked by default to be consistent with the 'on-the-fly' XML export settings.		sfxadmin/profile.cgi	SFX-5638	128088

Type of Change	Component	Description	Related Documentation	File List	Defect Number	SI Number
Defect	Front End - SFX Menu	If the OpenURL contains only au.last (without au.first) and Crossref fetch is executed to retrieve more authors, the first last name retrieved from Crossref gets mixed with the author information from the OpenURL. This behavior has been corrected.		lib/Parsers/SourceParser/OpenURL_1_0/doi/SAXH andler.pm	SFX-5650	84481, 114810
Defect	Front End - SFX Menu	Fixed problem with incorrect display of the availability statement for portfolio thresholds containing logic operator '<'. The threshold description was identical for < and <=. This was fixed by changing the text for the availability statement in the SFXMenu, AZ list and the KBManager 'Object Portfolios list' for the AdministratorLight user.	Implementation Instructions	lib/Parsers/TargetDisplayer.pm lib/Threshold/Base.pm templates/simplified_template1/target_list.tmpl templates/simplified_template1/mobile/target_list.tmpl templates/sfxmenu/target_list.tmpl templates/azlist_ver3/object_thresholds.tmpl revision_maker/applysw/patch-pre-4.8.1-2.pl	SFX-5402	117463
Defect	Front End - SFX Menu	Fixed problem with missing author information in DOI fetch. This problem was caused by a change in SP 4.8.0 in the way author information was parsed.		lib/MetaData/Authors/NameParse.pm	SFX-5798	

Type of Change	Component	Description	Related Documentation	File List	Defect Number	SI Number
Defect	General - Other	To solve a potential security vulnerability, it is highly recommended to check the following in the Apache configuration file of each SFX instance: local apache ports need to be restricted to be accessible from localhost only. The instructions to do so are as follows: 1. Log into the SFX server and go to /exlibris/sfx_ver/sfx4_1/<instance>/config/ 2. Type vi httpd.conf 3. Find uncommented line with: Listen 0.0.0.0:<port> 4. Change it to: Listen localhost:<port> 5. Type ':wq' to save and close the file 6. Restart Apache of <instance> by using 'apachectl restart' use use ServerAdmin Utility to restart Apache NOTE: Additionally, as part of the SP 4.8.1, the SFX installer and create_instance scripts were changed to ensure local apache ports are restricted to be accessible from localhost only.		lib/Manager/Instance/Create.pm config/httpd.conf	SFX-5631	

Type of Change	Component	Description	Related Documentation	File List	Defect Number	SI Number
Defect	General - Other	Change MySQL tables default engine to be set to MyISAM		dbs/sqltab/CONTROL.tab dbs/sqltab/INSTITUTE.tab dbs/sqltab/INSTITUTE_IP.tab dbs/sqltab/LCL_MULTILANGUAGE.tab dbs/sqltab/SFX_REQUEST.tab dbs/sqltab/STAT_OBJECT.tab dbs/sqltab/STAT_OBJECT_OFFLINE.tab dbs/sqltab/STAT_REPEATABLES.tab dbs/sqltab/STAT_REPEATABLES_OFFLINE.tab dbs/sqltab/STAT_TARGET_SERVICE.tab dbs/sqltab/STAT_TARGET_SERVICE_OFFLINE.ta b dbs/sqltab/SYNONYM.tab dbs/sqltab/USERS.tab dbs/sqltab/CACHE.tab dbs/sqltab/IRSI.tab dbs/sqltab/KB_CAT.tab dbs/sqltab/KB_CAT_ASSIGN.tab dbs/sqltab/KB_CAT_SUBCAT.tab dbs/sqltab/KB_SOURCE_SERVICES.tab dbs/sqltab/KB_SUBCAT.tab dbs/sqltab/REMOTE_INSTITUTES.tab	SFX-5730	
Defect	SFX Menu - Broken link report	Fixed the problem in emails received from the Broken Link report option with URL encoding of links and long links being cut off in the email.		lib/Beacon/BrokenLinks.pm lib/SFXResolver/Engine.pm	SFX-5736	156890, 157599, 157726, 159555, 164011
Defect	SFX Menu - Broken link report	Fixed the problem with 'Report broken link' option sending information to Beacon - regardless of UNIX configuration settings. This problem was caused by a change in SP 4.8.0 in way the broken link report was sent.		templates/js/sfxmenu/gbs.js	SFX-5795	

Type of Change	Component	Description	Related Documentation	File List	Defect Number	SI Number
Defect	Utilities - Server Admin Util	Fixed the problem with error message when attempting to create index for KB_AUTHORS table.		db/sqltab/KB_AUTHORS.idx	SFX-5784	
Defect	Utilities - Server Admin Util	Fixed the problem with error message when attempting to drop index for KB_CONTRIBUTION_ITEM table.		db/sqltab/KB_CONTRIBUTION_ITEM.idx_drp	SFX-5783	

Implementation Instructions

For Implementation Instructions, see the *SP 4.8.1 Implementation Instructions* document in the Documentation Center.