

# ExLibris

## SFX

### Release Notes

20143600 with SP 4.7.0

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### Highlights

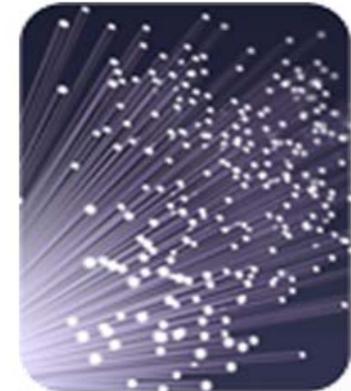
8 targets added

Various KBManager improvements

Changes in SFX Frontend configuration

Enhancements in Export tool, dataloader and statistics

Solr and OpenSSL upgrade



## Applying the Revision

The following packages are released:

sfx-kbsw-update-20143600.run

sfx-sw-update-4.7.0.run

sfx-kbdb-update-20143600.run

sfx-extra-update-4.7.0.run

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

# Highlights and Enhancements

## KBManager

- A new visual indication highlights the active row selected in KBManager, Target, Target Service, and Object Portfolio result lists
- More contrast in the row colors improves navigation in the result lists
- The width of the tables has been adapted to provide more space for display of the threshold column (for example, date coverage)
- The performance of title searches within specific title lists (ObjectPortfolios) has been improved to be much quicker

## SFX Front-End Configuration

- The Menu Configuration section of the SFX Admin Center has been improved to allow for a clearer distinction between configuration options for different template sets and the mobile SFX menu
- A new configuration option has been added to embed the SFX menu more seamlessly into the Primo UI. By using this option, the image and citation information is not displayed when the menu is embedded in the Primo front-end tabs
- A new configuration option for selective use of the DirectLink banner – customers can now exclude a list of vendors (targets) for which the banner should not be used.

## Display Logic Rules

- The Display Logic rules have been changed to work with target INTERNAL\_IDs instead of target names to reduce the risk of rules no longer working in case of target name changes. This change requires a script that is run automatically on each instance as part of the revision update to replace the target names with target internal IDs.

## Exports and DataLoader

- A new `local_threshold` column has been added to the basic and advanced export TXT files to make it easier to identify locally added and changed date coverage
- The creation of SFX exports for customers who index their SFX resources in Primo have been improved. For example, the file is split now to meet the Primo file limit, compression has been changed, and a format validation has been added.
- KBART file upload and reporting in DataLoader has been improved with a number of developments to allow for more variations and exceptions

## Statistics

- A new option has been added to exclude the current year statistic data from `offline2file` archiving task. This option allows the archiving task to be scheduled, either via the Server Admin Utility (per instance) or centralized across instances via the job manager option (Centralized Management of Maintenance Tasks).
- Book title and Object ID information have been added to the Query 14 result output `Books accessed via SFX ranked by use` to improve its usability

## Infrastructure

- Solr and OpenSSL have been upgraded, OpenSSL to `openssl-0.9.8zb` and Solr to `4.7.0`.

# Changed KB Software

Type of Change	Component	Description	Solution	File List
Correction	TargetParser	Add CCC parsers for the Karger target.	The KARGER::KARGER target parser has been modified to support CCC Get It Now resource linking.	lib/Parsers/TargetParser/KARGER/KARGER.pm
New	TargetParser	Add a new BENTHAM::bentham target parser.	A new BENTHAM::bentham target parser has been created to improve the quality of the linking to the Bentham Open target.	lib/Parsers/TargetParser/BENTHAM/bentham.pm
Correction	TargetParser	Add shibboleth for the OVID::BOOKS target parser.	The Ovid Books collections have been updated by the addition of the Shibboleth authentication method.	lib/Parsers/TargetParser/OVID/BOOKS.pm

# New Targets and Target Services

Target Name	Description	Target Service	Linking Level	For More Information
PROQUEST_ADVANCED_TECHNOLOGIES_AND_AEROSPACE_JOURNALS	Covers aeronautics, astronautics, communications, computer and information technology, electronics, lasers, solid-state materials and devices, space sciences, and telecommunications.	getFullTxt	ARTICLE	For more information: <a href="http://www.proquest.com/products-services/adv_tech_aero.html">http://www.proquest.com/products-services/adv_tech_aero.html</a>
PROQUEST_BRITISH_NURSING_INDEX_WITH_FULL_TEXT	BNI is a UK nursing and midwifery database, covering over 400 UK journals and other English language titles, including international nursing and midwifery journals, as well as selective content from medical, allied health, and management titles.	getFullTxt	ARTICLE	
PROQUEST_ART_DESIGN_AND_ARCHITECTURE_COLLECTION	ProQuest Art, Design, and Architecture Collection is a comprehensive survey of current publications in the fields of visual and applied arts.	getFullTxt	ARTICLE	For more information: <a href="http://www.proquest.com/products-services/artarc.html">http://www.proquest.com/products-services/artarc.html</a>
PROQUEST_POLITICS_COLLECTION	Allows users to easily conduct in-depth political science research, discovering more of the most relevant full-text and A&I records.	getFullTxt	ARTICLE	For more information: <a href="http://www.proquest.com/products-services/ProQuest-Politics-Collection.html">http://www.proquest.com/products-services/ProQuest-Politics-Collection.html</a>
SAGE_REFERENCE_ONLINE_2014_ENCYCLOPEDIA_COLLECTION	SAGE's wide range of reference products are designed to meet the research needs of library patrons around the globe.	getFullTxt	BOOK	For more information: <a href="http://www.sagepub.com/reference.nav">http://www.sagepub.com/reference.nav</a>
SAGE_REFERENCE_ONLINE_HANDBOOK_COLLECTION_2014	SAGE's wide range of reference products are designed to meet the research needs of library patrons around the globe.	getFullTxt	BOOK	For more information: <a href="http://www.sagepub.com/reference.nav">http://www.sagepub.com/reference.nav</a>
PALGRAVE_CONNECT_EBOOKS_INTERNATIONAL_RELATIONS_AND_DEVELOPMENT_COLLECTION_2014	The International Relations and Development Collection is home to cutting-edge, critical, and truly interdisciplinary research and features some of the world's most prominent scholars.	getFullTxt	BOOK	For more information: <a href="http://www.palgraveconnect.com/pc/connect/collections/inte">http://www.palgraveconnect.com/pc/connect/collections/inte</a>
PALGRAVE_CONNECT_EBOOKS_POLITICAL_SCIENCE_COLLECTION_2014	Palgrave's Political Science Collection offers interdisciplinary insight into the constantly shifting world of political and policy studies.	getFullTxt	BOOK	For more information: <a href="http://www.palgraveconnect.com/pc/connect/collections/politicalscience.html">www.palgraveconnect.com/pc/connect/collections/politicalscience.html</a>

# Changed Programs – SFX Software

Type of Change	Component	Description	Related Documentation	File List	SI Number	Defect Number
Installation	Security Update	Update OpenSSL (to openssl-0.9.8zb)		revision_maker/applyextra/extra.conf revision_maker/applyextra/patch-post-4.7.0-1.pl revision_maker/applyextra/apply.pl		<a href="#">SFX-5281</a>

Type of Change	Component	Description	Related Documentation	File List	SI Number	Defect Number
Installation	Solr	Upgrade to Solr 4.7.0		admin/init_scripts/sfxd admin/manager/add_to_solr.pl config/.cshrc.config config/solr_index.config_ lib/Solr/Interface.pm lib/Solr/Maintanance.pm  solr/README.txt solr/contexts/solr-jetty-context.xml solr/etc/create-solrtest.keystore.sh solr/etc/jetty.xml solr/etc/realm.properties solr/etc/solrtest.keystore solr/etc/webdefault.xml solr/resources/log4j.properties solr/solr/README.txt solr/solr/solr.xml solr/solr/zoo.cfg solr/solr/common/conf/admin-extra.html solr/solr/common/conf/admin-extra.menu-bottom.html solr/solr/common/conf/admin-extra.menu-top.html solr/solr/common/conf/currency.xml solr/solr/common/conf/elevate.xml solr/solr/common/conf/mapping-FoldToASCII.txt solr/solr/common/conf/mapping-ISOLatin1Accent.txt solr/solr/common/conf/protwords.txt solr/solr/common/conf/schema.xml solr/solr/common/conf/scripts.conf solr/solr/common/conf/solrconfig.xml		<a href="#">SFX-4808</a>

Type of Change	Component	Description	Related Documentation	File List	SI Number	Defect Number
Installation	Solr	<p>Add new Solr directory to the SFX tree. To be consistent with the location of other SFX supporting software per SFX installation, the location of the Solr directory has been changed from</p> <p>/exlibris/sfx_ver/sfx4_1/app/solr/</p> <p>to</p> <p>/exlibris/sfx_ver/sfx4_1/solr/</p> <p>Additionally, a link was created in /exlibris/sfx_ver/sfx4_1/app/ named solr that points to /exlibris/sfx_ver/app/solr-4.7.0.</p>		<p>revision_maker/applyextra/patch-post-4.6.1-1.pl</p> <p>revision_maker/applyextra/patch-pre-4.6.1-1.pl</p> <p>revision_maker/applyextra/extra.conf</p> <p>revision_maker/applsw/update_solr_home.pl</p> <p>config/.cshrc.config</p> <p>admin/init_scripts/sfxd</p>		<a href="#">SFX-5098</a>
Enhancement	BO KB Tools - Export Tool	Change dataloader Kbart file validation to support the Coverage_depth value Full text, as well as fulltext, since some providers use this variation in the Coverage_depth column.		lib/Admin/Tool/Kbart.pm		<a href="#">SFX-5226</a>
Enhancement	BO KB Tools - Export Tool	Add the local_threshold column to basic and advanced export TXT files.	SFX General User Guide	lib/Admin/Tool.pm		<a href="#">SFX-5068</a>

Type of Change	Component	Description	Related Documentation	File List	SI Number	Defect Number
Enhancement	SFX Menu	Add the ability to display the SFX menu without a banner if the user is coming from Primo. It is recommended to turn this option on to optimize the display of the SFX menu in the Primo UI. By default, this option will be turned on for all new SFX installations.	SFX General User Guide	lib/MetaData/Primo.pm lib/SFXMenu/Base.pm lib/SFXMenu/Output/HTML.pm templates/sfxmenu/sfxmenu.tmpl templates/sfxmenu/sfxmenu.tmpl.du templates/sfxmenu/sfxmenu.tmpl.sp templates/simplified_template1/sfxmenu.tmpl dbs/sqltab/CONTROL.tab  revision_maker/applysw/patch-post-4.7.0-2.pl		<a href="#">SFX-4941</a>
Enhancement	SFX Menu	Add an option to configure a list of targets for which the DirectLink banner menu should be disabled.  A number of vendors do not work correctly inside the iframe used in the DirectLink Banner menu. By default, the following targets will be included in the list of forbidden targets: AdisOnline, Lexis Nexis, Thieme Connect, and American Physical Society.	SFX General User Guide	templates/sfxctrl/custom/custom.tmpl templates/js/admin_tools/add_remove.js sfxadmin/custom.cgi lib/SFXMenu/Base.pm dbs/sqltab/CONTROL.tab lib/DBLayer/Target.pm lib/SFXMenu/ContextService/Engine.pm  revision_maker/applysw/patch-pre-4.7.0-1.pl	63969, 28689, 67631, 72678	<a href="#">SFX-5117</a>
Enhancement	SFXAdmin - Statistics, Utilities - Job Manager	Add the archiving task <code>offline2file</code> to the Centralized Management of Maintenance Tasks option. The option to exclude the current year statistics from the archive makes it now possible to automate the archiving process, leaving last year's statistic information accessible for statistic queries.	SFX System Administrator Guide	config/central_management.config__ lib/CentralJobManagement/ProblematicJobs.pm  revision_maker/applysw/patch-pre-4.7.0-2.pl		<a href="#">SFX-5194</a>

Type of Change	Component	Description	Related Documentation	File List	SI Number	Defect Number
Enhancement	SFXAdmin - Statistics, Utilities - Server Admin Util	Add an option to exclude the current year statistics data from the <code>offline2file</code> archiving task. This new option can be used when archiving on the fly or when scheduling an archiving task.	SFX System Administrator Guide	admin/stats/scheduler.pl		<a href="#">SFX-5035</a>
Enhancement	SFXAdmin - KBManager	Redesign of all result lists in KBManager to improve readability. Alternating row colors with more contrast will now be used in tables of the following KBManager sections: 1.Sources 2.Targets (Targets/Target Services/Object Portfolios) 3.Objects 4.Linking Parameters 5.Institutes Additionally, on mouse-over, the current line in the result list will be highlighted to provide a clear indication of the entry selected.		templates/img/sfxadmin/active_Y.gif templates/img/sfxadmin/active_N.gif templates/css/sfx_admin.css templates/img/sfxadmin/bg_row2-hover.jpg templates/sfxctrl/source/list.htm templates/sfxctrl/source_service/list.htm templates/sfxctrl/target/list.htm templates/sfxctrl/target_service/list.htm templates/sfxctrl/portfolio/list.tpl templates/sfxctrl/object/list.tpl templates/sfxctrl/ts_authentication/list.htm		<a href="#">SFX-5069</a>
Enhancement	SFXAdmin - KBManager	Reorganize KBManager Object Portfolio Window. The width of the title column in the result list has been reduced to increase the width of the threshold column. This allows more threshold information to be displayed for each object portfolio.		templates/sfxctrl/portfolio/list.tpl templates/sfxctrl/target/list.htm templates/sfxctrl/target_service/list.htm templates/css/sfx_admin.css templates/sfxctrl/login.htm		<a href="#">SFX-5070</a>

Type of Change	Component	Description	Related Documentation	File List	SI Number	Defect Number
Enhancement	SFXAdmin - Menu Configuration	Reorganize the Menu Configuration section in SFX Admin Center to make a clear distinction between: * Configurations that are same for both the Advanced and Simplified Menus * Configuration for the Simplified menu only * Configuration for the Mobile menu	SFX General User Guide	sfxadmin/custom.cgi templates/css/sfx_admin.css templates/js/admin_tools/other_menus.js templates/sfxctrl/custom/custom.tpl templates/sfxctrl/custom/general_configuration.tpl templates/sfxctrl/custom/simplified_and_mobile_configuration.tpl		<a href="#">SFX-5083</a>
Enhancement	SFXAdmin - Menu Configuration - Display Logic	Change the display logic rules to work with target INTERNAL_IDs instead of names. The target INTERNAL_IDs will be stored in the SFX instance configuration table instead of target names to reduce the risk of rules no longer working in case of target name changes. This change requires a script that will be run automatically on each instance as part of the revision update to replace the target names with target INTERNAL_IDs.		sfxadmin/custom.cgi lib/SFXMenu/ContextService.pm lib/Admin/Tool.pm  revision_maker/applysw/foreachinstance.pl revision_maker/applysw/translate_display_logic_rules.pl		<a href="#">SFX-5071</a>
Enhancement	SFXAdmin - Statistics	Add the object title and object ID information to the Query 14 result output Books accessed via SFX ranked by use. Note that if no title or object ID exists, the statistics result will display No title or No object ID.	SFX General User Guide	lib/Stats/Query_14.pm templates/sfxctrl/stats/Query_14_result.tpl templates/sfxctrl/stats/Query_14_result.txt		<a href="#">SFX-4025</a>
Defect	BO KB Tools - Category Tool	Fix the problem with an error message being displayed when searching a specific title with the Category Tool.		sfxadmin/category_object_browse.cgi	26893	<a href="#">SFX-5190</a>

Type of Change	Component	Description	Related Documentation	File List	SI Number	Defect Number
Defect	BO KB Tools - Data Loader	Improve KBART threshold validation to handle duplicate thresholds. If two lines in the KBART file include an identical identifier, PARSE_PARAM and threshold, only one line now will be inserted.		lib/Admin/Tool/Kbart.pm		<a href="#">SFX-5080</a>
Defect	BO KB Tools - Data Loader	Improve KBART threshold validation to handle duplicate embargo information. If a threshold statement contains a duplicate embargo (due to day to month/year calculation or duplicate statements in the KBART file), the duplicate statement is removed before loading.		lib/Admin/Tool/Kbart.pm		<a href="#">SFX-5264</a>
Defect	BO KB Tools - Data Loader	Fix the reporting of KBART file duplication issues. The report listed incorrect line information for duplicates.		lib/Admin/Tool/Kbart.pm		<a href="#">SFX-5233</a>
Defect	BO KB Tools - Data Loader	Fix the warning in the Apache error log when using KBARTdataloader.		lib/Admin/Tool/Kbart.pm		<a href="#">SFX-5228</a>
Defect	BO KB Tools - Export Tool	Fix the problem with a portfolio inactive for an institute (with institute specific threshold) being included in the Google Scholar export file.		lib/Admin/Tool.pm		<a href="#">SFX-5223</a>
Defect	BO KB Tools - Other	Fix the problem with the Apache error log warning when using BO menu configuration > Directlink UI.		revision_maker/applysw/patch-pre-4.7.0-1.pl		<a href="#">SFX-5240</a>
Defect	eBook Search	Fix the problem in Ebook search UI. The SFX menu appears inside the iframe of the 'I' or information button instead of a new window. This problem has been resolved.		lib/AZLIST/Base.pm lib/AZLIST/eBook.pm		<a href="#">SFX-5184</a>

Type of Change	Component	Description	Related Documentation	File List	SI Number	Defect Number
Defect	eBook Search	Fix the problem in eBook search of the Exact Search option is not working.		lib/AZLIST/SearchInput.pm		<a href="#">SFX-5150</a>
Defect	KB Tools - Other	Fix the problem of the activation script change_availability.pl not working when combining multiple options, such as -- ALL_FREE_TARGETS and -- ALL_SERVICE=<service_type>. This problem has been resolved.		admin/kbtools/change_availability.pl lib/Admin/KBTools/ChangeActivationTree.pm	24907	<a href="#">SFX-4929</a>
Defect	SFX Menu	Fix the problem with the three letter language code not working in req.language OpenURL element for the Advanced Menu. The SFX menu is not displayed in the language specified when using the three letter code. This issue has been resolved.		lib/ContextObject/Engine.pm lib/SFXMenu/Output/HTML.pm lib/Generic/Multilanguage.pm		<a href="#">SFX-4950</a>
Defect	SFX Menu	Define the priority for setting the SFX menu language - cookie versus the req.language parameter.	SFX Advanced User Guide	lib/ContextObject/Engine.pm		<a href="#">SFX-4951</a>
Defect	SFX Menu	Add the z39.50 configuration timeout value of 5 seconds to the configuration file config/z3950_lookup.config. This configuration file is used by: * z39.50 catalog plug-ins * Aleph source parser This fix requires a script to be run as part of the revision update to add the parameter and set a default timeout value of 5 seconds.	SFX Advanced User Guide	config/z3950_lookup.config  revision_maker/applysw/foreachinstance.pl revision_maker/applysw/adjust_z3950_lookup_timeout.pl		<a href="#">SFX-5175</a>

Type of Change	Component	Description	Related Documentation	File List	SI Number	Defect Number
Defect	SFX Menu - SFX Menu	Fix a typo in the OpenURL ctx_ctx_fmt element value when sending OpenURLs from the SFXAdmin.		templates/sfxctrl/portfolio/list.tpl templates/sfxctrl/object/list.tpl templates/azlist_ver3/openurl.tpl templates/azlist_ver3/openurl_filtered.tpl templates/multiobject/new_openurl.tpl templates/multiobject/mobile/new_openurl.tpl templates/sfxctrl/object/edit.tpl templates/sfxctrl/object/view.tpl		<a href="#">SFX-4595</a>
Defect	SFXAdmin - Contribution	Improve contribution validation to prevent the contribution of object portfolios of local targets and/or target services.		lib/Contribution/Contribution.pm		<a href="#">SFX-5025</a>
Defect	SFXAdmin - Export tool	Change the Primo export option. The Primo export file will be split to meet the Primo export file limit.		admin/kbtools/primo_export.pl	54941, 69657	<a href="#">SFX-5026</a>
Defect	SFXAdmin - Export tool	Improve the compression step in the Primo export process to include only the appropriate XML files in the compressed tar file.		admin/kbtools/primo_export.pl		<a href="#">SFX-5147</a>
Defect	SFXAdmin - Export tool	Add validation to the Primo export option to not allow the running of a Primo export if the profile format is not XML.		admin/kbtools/primo_export.pl		<a href="#">SFX-5141</a>
Defect	SFXAdmin - General	Fix the problem in the display logic section that error messages are displayed. If an error is displayed when adding a new rule, after a page refresh some targets no longer appear in the target drop-down list. This problem has been resolved.		templates/sfxctrl/custom/display_logic_add_edit.t mpl templates/js/admin_tools/common.js		<a href="#">SFX-5271</a>

Type of Change	Component	Description	Related Documentation	File List	SI Number	Defect Number
Defect	SFXAdmin - KBManager	Add the horizontal scrollbar to KBManager > Target and Object Portfolio windows to ensure the usability of KBManager for devices with a screen resolution lower than 1280x800.		templates/sfxctrl/target/list.htm templates/sfxctrl/portfolio/list.tpl templates/css/sfx_admin.css		<a href="#">SFX-5306</a>
Defect	SFXAdmin - KBManager	Fix the problem in IE with the display of a green dot to indicate target activation in KBManager > Object Portfolios > target column.		templates/sfxctrl/portfolio/list.tpl		<a href="#">SFX-5222</a>
Defect	SFXAdmin - KBManager	Change SFXAdmin > Source windows to make sure that View source and Edit source windows use the same color scheme.		templates/sfxctrl/source/view.htm		<a href="#">SFX-5213</a>
Defect	SFXAdmin - KBManager	Improve the performance of the title search in KBManager > Object Portfolios.		lib/DBLayer/ObjectPortfolio.pm		<a href="#">SFX-5167</a>
Defect	SFXAdmin - KBManager	Fix the spelling mistake in the KBManager View Object Portfolio window. The text <code>Last Localiztion</code> change by has beenfixed.		templates/sfxctrl/portfolio/view.tpl □	12648	<a href="#">SFX-4694</a>
Defect	SFXAdmin - MARCIt!	Add a script to allow the creation of a cron job for Marclt! export.		admin/kbtools/marc_enhancement.pl	28055	<a href="#">SFX-5093</a>
Defect	SFXAdmin - Statistics	Fix the problem in the statistics query parameters interface. Selecting a different delivery method (E-mail / Screen) does not work.		sfxadmin/stats_main.cgi		<a href="#">SFX-5234</a>
Defect	SFXAdmin - Statistics	Fix the performance problem with Query 2 if specific dates and <b>Total by Year</b> are selected as query parameters.		lib/Stats/Query_2.pm	52502	<a href="#">SFX-4928</a>

Type of Change	Component	Description	Related Documentation	File List	SI Number	Defect Number
Defect	Utilities - Create/Drop Instance	Fix the problem with the script to remove an instance from the SFX installation. The script does not remove local entries from the global DB schema. This problem has been fixed.		lib/Manager/Instance/Drop.pm		<a href="#">SFX-5189</a>
Defect	Utilities - Other	Fix the problem with an option to clean the log files. The option does not remove the a-z.log file if it has recently been modified. This problem has been fixed by renaming the a-z.log file when its size increases to over 1MB to a-z.log.1 (up to a-z.log.5) and starting a new a-z.log file. The renamed versions of the a-z.log file are cleaned by the Clean log files option when they are older than the pre-defined time period for clean-up.		config/log4perl.conf cgi/core/azlist_ver3/a-z.cgi	18092	<a href="#">SFX-5115</a>
Defect	Utilities - Other	Add the missing information in the Translations & Display section of SFX Admin Center. The KB_MULTILANGUAGE table has been updated with the missing entries.		db/sqltab/KB_MULTILANGUAGE.tab		<a href="#">SFX-5296</a>
Defect	Utilities - Server Admin Util	Fix the problem when running a Primo export for multiple institutes. The export fails and the error message <code>Created export file wasn't found</code> is displayed. This problem has been resolved.		admin/kbtools/primo_export.pl		<a href="#">SFX-5251</a>

# Implementation Instructions

No implementation instructions required