



Release Notes

SFX December 2025 Release

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Highlights

System upgrades to MariaDB 10.11.14, OpenSSL 3.0.18, Apache 2.4.65 and Java 17.0.16

Support for Red Hat Enterprise Linux (RHEL) 9

Upgrade of the YAZ z39.50 client software to 5.35.1

Improved how autoloaders handle complex coverage statements in KBART files

Added new providerIds from CDI to SFX for Casalini, WISO and Pubmed Central

Applying the Revision

The following packages are released:

sfx-sw-update-4.10.30.run, sfx-extra-update-4.10.30 and sfx-extra-update-4.10.30.1

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

SW Changes

Issue Type	Components	Summary
Enhancement	CDI	Added new providerIds from CDI to the SFX CTXO and sourceparsers for Casalini, WISO and Pubmed Central
Enhancement	KB Tools - Dataloader	<p>Improved how autoloaders handle complex coverage statements in KBART files.</p> <p>The following changes were made:</p> <ol style="list-style-type: none"> In case of a KBART date range where the start and the end of the range are identical, the threshold statement is shortened by using the '==' indication: For example: (\$obj->parsedDate('>=', '198210', '8', '10') && \$obj->parsedDate('<=', '198210', '8', '10')) is changed to \$obj->parsedDate('==', '198210', '8', '10') In case the KBART file has date information in YYYYMMDD format, the autoloader merges coverages for the same publication on different rows in case there are small gaps in the coverage date between the date_last_issue of one row and the date_first_issue of the subsequent row. If the difference in days between an enddate and a subsequent startdate is equal to or less than 62 days, this is considered one range.
Task	SFXAdmin - General	Removed link to UStat in SFXAdmin.
Task	SFXAdmin - General	Improved KBManager > List of Targets performance
Task	Infrastructure - RedHat 9	Support for Red Hat Enterprise Linux (RHEL) 9 certification for SFX installations
Task	Infrastructure - Java	Java upgrade to 17.0.16
Task	Infrastructure - Apache	Apache upgrade to 2.4.65
Task	Infrastructure - MariaDB	Maria DB upgrade to 10.11.14
Task	Infrastructure - OpenSSL	OpenSSL upgrade to 3.0.18
Task	Infrastructure - YAZ	YAZ z39.50 client upgrade to 5.35.1

Issue Type	Components	Summary
Defect	Infrastructure - SOLR	Fixed problem accessing SFXAdmin and eBookSearch due to a Solr indexing problem. Some titles with diacritics were incorrectly included in the SFX SOLR title index. This problem has been resolved by changing the way title keys are created for these diacritics.
Defect	SFXAdmin - General	Fixed problem with the Institute icon 'i' appearing on the portfolios and targets services pages when there were no institutes defined for the SFX instance.
Defect	Google Scholar Registration	Added new Google crawler IP to get_file_restriction.config_
Defect	SFX menu	Fixed problem with OpenURL parsing in case of multiple occurrences of the rft_id element. Blank values were not handled correctly, resulting in either DOI or PMID not being stored in the SFX CTX.
Defect	SFX Menu - Targets	Fixed problem with ISI_RESEARCHSOFT_EXPORT_TOOL target citation download behavior.
Defect	KB Tools - Dataloader	Fixed problem with Springer Autoloader "NotAllowed" errors for multiple portfolios for the same object.

Documentation Changes	Changed Files	Case Number	Jira Number
Knowledge Article OpenURL linking via metadata, DOI and specific provider IDs	config/ctx_attribute.config_		SFX-8967
	lib/Threshold/Composer.pm	06831248	SFX-8864
SFX General user guide	templates/sfxctrl/admincenter.html		SFX-8960
	lib/DBLayer/Interface.pm		SFX-8909
SFX Server Hardware and Software Requirements	revision_maker/applyextra/extra.conf		SFX-8946
	revision_maker/applyextra/apply.pl		SFX-8946
	revision_maker/applyextra/extra.conf		SFX-8977
	revision_maker/applyextra/extra.conf		SFX-8976
	revision_maker/applyextra/extra.conf		SFX-8980
	revision_maker/applyextra/patch-post-4.10.30-1.pl		SFX-8980
	revision_maker/applyextra/extra.conf		SFX-8975
	revision_maker/applyextra/extra.conf		SFX-8981
	revision_maker/applyextra/patch-pre-4.10.30-1.pl		SFX-8981

Documentation Changes	Changed Files	Case Number	Jira Number
	lib/Solr/Record.pm	08055982	SFX-8961
	templates/sfxctrl/target_service/list.htm templates/sfxctrl/portfolio/list.tmpl sfxadmin/portfolio.cgi		SFX-8930
Technical Requirements for Local Primo and SFX Installations	config/get_file_restriction.config_ revision_maker/applysw/update_new_google_ip_get_file_restriction.pl revision_maker/applysw/foreachinstance.pl		SFX-8972
	lib/ContextObject/Engine/OpenURL.pm	05313431, 05331203	SFX-7877
	cgi/public/save_citation.cgi	07145636, 07235477, 08133992	SFX-8907
	lib/Admin/Tool/DataLoader.pm	06760292, 06829880	SFX-8827