

ExLibris

SFX

Release Notes

20172400

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Targets to be removed in the next (the 20172500) revision:

WILEY_ONLINE_LIBRARY_OPEN_ACCESS_2014 – requested by the vendor, collections are not annual.
Content can be found in WILEY_ONLINE_LIBRARY_OPEN_ACCESS

WILEY_ONLINE_LIBRARY_OPEN_ACCESS_2015 – requested by the vendor, collections are not annual.
Content can be found in WILEY_ONLINE_LIBRARY_OPEN_ACCESS

WILEY_ONLINE_LIBRARY_OPEN_ACCESS_2016 – requested by the vendor, collections are not annual.
Content can be found in WILEY_ONLINE_LIBRARY_OPEN_ACCESS

WILEY_ONLINE_LIBRARY_OPEN_ACCESS_FREE_2013 – requested by the vendor, collections are not annual.
Content can be found in WILEY_ONLINE_LIBRARY_OPEN_ACCESS and WILEY_ONLINE_LIBRARY_FREE_CONTENT

WILEY_ONLINE_LIBRARY_FREE_2014 – requested by the vendor, collections are not annual.
Content can be found in WILEY_ONLINE_LIBRARY_FREE_CONTENT

WILEY_ONLINE_LIBRARY_FREE_2015 – requested by the vendor, collections are not annual.
Content can be found in WILEY_ONLINE_LIBRARY_FREE_CONTENT

WILEY_ONLINE_LIBRARY_FREE_2016 – requested by the vendor, collections are not annual.
Content can be found in WILEY_ONLINE_LIBRARY_FREE_CONTENT

Applying the Revision

The following packages are released:

sfx-kbsw-update-20172400.run

sfx-kbdb-update-20172400.run

sfx-sw-update-4.10.0.run

sfx-extra-update-4.10.0.run

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

Highlights (June Software Release)

New User Interface for the Journal A-Z List

This release introduces a new journal search and A-Z list user interface, accessible with its own URL and configurable via the SFX Admin Center. Go to the "Journal Search and A-Z List" section on the SFX Admin Center homepage for details. All configuration options are documented in the *SFX General User's Guide*.

In addition, a new KnowledgeCenter article provides information on how to localize the new interface:

https://knowledge.exlibrisgroup.com/SFX/Knowledge_Articles/Configuring_Journal_Search

A new interface for the CitationLinker and the ebook search is planned to become available in the September and December releases respectively.

Sidebar Improvement

The behaviour of the sidebar was improved to deal with situations where SFX is running with HTTPS, but the target provider platform is only accessible with HTTP.

In such scenarios, SFX will now open a new browser tab with the provider page content.

New SFXAdmin Login Page

A section was added to the SFXAdmin login page to:

- list the highlights for each quarterly software release
- display a section where other interesting news can be added

Additionally, information was added to indicate which release version the SFX installation is on.

Updated Support Software

Openssl was updated to version openssl-1.0.2k.

Jquery was updated from 1.11.3 to 2.2.4.

Changed KB Software

| Type of Change | Component | Description | Solution | File List |
|----------------|--------------------|--|---|---|
| Correction | TargetParser | Add atitle exception to PubMed::central | The PubMed::central target parser was updated to improve article level linking. | lib/Parsers/TargetParser/PubMed/central.pm |
| Correction | Configuration File | Add DOI prefixes to doi_allowed config | The DOI allowed configuration file was updated to support additional prefixes. | config/doi_allowed_prefixes_for_linking.config_ |
| Correction | TargetParser | Add exception to NATURE::NATURE | The NATURE::NATURE target parser was updated to improve article level linking. | lib/Parsers/TargetParser/NATURE/NATURE.pm |
| Correction | TargetParser | Convert roman numeral volumes in JSTOR::JSTOR | The JSTOR::JSTOR target parser was updated to convert roman numerals to numerical digits, and an exception was added. | lib/Parsers/TargetParser/JSTOR/JSTOR.pm |
| Correction | TargetParser | Add roman numeral converter functionality to TargetParser.pm | Roman numeral converter functionality was added to the main target parser file. | lib/Parsers/TargetParser.pm |

Software Changes

| Issue Type | Component/s | Summary | Documentation Required | Changed Files | Key | SF Case |
|-------------|----------------------|--|--|--|----------|---------|
| Enhancement | Front End - A-Z List | Journal Search redesign - new End user interface | SFX General User's Guide, Implementation Notes | cgi/core/azlist_ver3/a-z.cgi config/local_httpd.config lib/AZLIST/Base.pm lib/JournalSearch/JournalSearch.pm lib/AZLIST/Title.pm templates/journalsearch/title_set.tpl templates/js/journalsearch/vendor/getmdl-select.min.js templates/js/journalsearch/handlebars.min.js templates/js/material-design-lite/material.min.js templates/css/journalsearch/vendor/getmdl-select.min.css templates/css/journalsearch/vendor/material.min.css templates/css/journalsearch/googleapis_fonts.css templates/css/journalsearch/Material_Icons.css templates/css/journalsearch/material.blue_grey-red.min.css templates/css/journalsearch/style.css templates/css/journalsearch/style.min.css templates/css/journalsearch/MaterialIcons-Regular.ttf templates/css/journalsearch/MaterialIcons-Regular.woff templates/css/journalsearch/MaterialIcons-Regular.woff2 templates/journalsearch/az_headers.tpl templates/journalsearch/categories_list.tpl templates/journalsearch/facets.tpl templates/journalsearch/head.tpl templates/journalsearch/language_select.tpl templates/journalsearch/mobile_navigation_bar.tpl templates/journalsearch/navigation_bar.tpl templates/journalsearch/object_view.tpl templates/journalsearch/objects_search.tpl templates/journalsearch/paginator.tpl | SFX-6446 | |

| Issue Type | Component/s | Summary | Documentation Required | Changed Files | Key | SF Case |
|------------|-------------|---------|------------------------|---|-----|---------|
| | | | | templates/journalsearch/results_brief_view.tpl templates/journalsearch/results_full_view.tpl templates/journalsearch/results.tpl templates/journalsearch/search_terms.tpl templates/journalsearch/tail.tpl templates/journalsearch/vendors_list.tpl templates/js/jquery/jquery-2.2.4.min.js templates/img/journalsearch/libraryLogoDark.png templates/css/journalsearch/journalSearch.css templates/js/journalsearch/journalSearch.js templates/journalsearch/object_thresholds.tpl lib/AZLIST/AZPaginator.pm lib/DBLayer/AZ_TITLE.pm lib/SFXMenu/Base.pm templates/journalsearch/openurl_filtered.tpl lib/AZLIST/Locate.pm lib/AZLIST/Category.pm lib/AZLIST/UILanguageControl.pm lib/AZLIST/Autocomplete.pm lib/Output/Autocomplete.pm templates/autocomplete/jquery_html.tpl templates/js/jquery/jquery-ui-1.12.1.js templates/css/admin/jquery-ui-1.12.4.css lib/AZLIST/AZList_Util.pm lib/AZLIST/SearchInput.pm templates/journalsearch/mobile_facets.tpl templates/css/autocomplete/jquery_html.css revision_maker/applysw/patch-pre-4.10.0-1.pl revision_maker/applysw/update_configuration_to_support_new_az_ui.pl revision_maker/applysw/update_configuration_to_support_apis.pl revision_maker/applysw/foreachinstance.pl | | |

| Issue Type | Component/s | Summary | Documentation Required | Changed Files | Key | SF Case |
|-------------|------------------------|---|------------------------|---|----------|---------|
| Enhancement | Back Office - A-Z List | Journal Search redesign - Changes in SFXAdmin section | | sfxadmin/journalsearch_setup.cgi templates/sfxctrl/journalsearch/journalsearch_and_az_list.tmpl templates/sfxctrl/journalsearch/main_journalsearch.tmpl templates/js/journalsearch_setup/journalsearch_setup.js lib/Admin/KBManager/Output/header.pm sfxadmin/a-z_setup.cgi lib/AZLIST/Base.pm sfxadmin/downloader.pl templates/css/sfx_admin.css templates/js/admin_tools/custom_more.js templates/sfxctrl/admincenter.html templates/sfxctrl/a-z_ver3_setup/default_profile.tmpl templates/sfxctrl/a-z_ver3_setup/profile_edit_add.tmpl sfxadmin/a-z_embedded_search_generator.cgi templates/sfxctrl/journalsearch/embedded_search_generator.tmpl templates/sfxctrl/journalsearch/embedded_search_generator.js.t mpl templates/img/journalsearch/icons/reindex.png templates/img/journalsearch/icons/reindex2.png templates/sfxctrl/journalsearch/copy_profile_wizard.tmpl dbs/sqltab/CONTROL.tab lib/DBLayer/AZ_FILTER.pm lib/DBLayer/AZ_TITLE.pm lib/DBLayer/AZ_TITLE_VER3.pm admin/database/copy_db.pl lib/Admin/RSI/RapidServiceIndexManagerSerial.pm lib/Admin/RSI/RapidServiceIndexManager.pm lib/Admin/Tool/DataLoader.pm lib/DBLayer/CONTROL.pm | SFX-6619 | |

| Issue Type | Component/s | Summary | Documentation Required | Changed Files | Key | SF Case |
|-------------|--|--|--------------------------|---|----------|---------|
| | | | | lib/AZLIST/IndexBuilder.pm lib/Localizer/Base.pm cgi/core/azlist_ver3/a-z.cgi admin/server_admin_util revision_maker/applsw/add_journalsearch_default_settings.pl revision_maker/applsw/foreachinstance.pl | | |
| Enhancement | Back Office - SFXAdmin - General | A section was added to the SFXAdmin login page to: - list the highlights for each quarterly release - display a section where other interesting news can be added Additionally, information was added to indicate which release version the SFX installation is on. | SFX General User's Guide | sfxadmin/sfxctrl.cgi templates/sfxctrl/login/login.tmpl templates/sfxctrl/login/banner_middle.tmpl templates/sfxctrl/login/banner_bottom.tmpl templates/css/login.css templates/img/login/bg-img.png templates/img/login/logo.png sfxadmin/tryit.cgi templates/sfxctrl/login/tryit.tmpl templates/sfxctrl/login/tryit.tmpl.resulthtml templates/sfxctrl/login/login.tmpl.tryit templates/sfxctrl/login/banner_middle.tmpl.tryit templates/sfxctrl/login/banner_bottom.tmpl.tryit <rmfiles> templates/sfxctrl/login.html </rmfiles> | SFX-6699 | |

| Issue Type | Component/s | Summary | Documentation Required | Changed Files | Key | SF Case |
|-------------|---|---|------------------------|--|----------|---------|
| Enhancement | Back Office - Statistics, Back Office - Task Manager, General - KBManager | Jquery was updated from 1.11.3 to 2.2.4. The SFX programs affected by this update: * Task Manager * Feedback target template * Proxy configuration - add & edit page * KBManager - Institutes * Statistics results page | | templates/sfxctrl/custom/proxy_add_edit.tpl templates/sfxctrl/institute_setup/list_head.tpl templates/sfxctrl/stats/result_head.tpl templates/targets/feedback/feedback.tpl templates/sfxctrl/task_manager/add.tpl templates/sfxctrl/task_manager/calendar.tpl templates/sfxctrl/task_manager/head.tpl templates/sfxctrl/task_manager/view_and_edit.tpl templates/sfxctrl/task_manager/view_recommended.tpl templates/sfxctrl/task_manager/view_unsupported.tpl | SFX-6735 | |
| Enhancement | Utilities - Revision Update | Updated the openssl version to openssl-1.0.2k. | | revision_maker/applyextra/extra.conf | SFX-6808 | |
| Defect | APIs - RSI | Fixed the problem in SFX APIs caused by expanding limitation of svc.fulltext to include getMessageNoFullTxt. This expansion was changed to be used only for the HTML menu and not API responses. (controlled by sfx.response_type parameter). | | lib/ContextObject/Engine/OpenURL.pm | SFX-6781 | 402079 |
| Defect | Back Office - General (SFX) | Fix the problem with incorrect display of some parsedDate thresholds in the SFX Admin Center interface. | | templates/sfxctrl/target/list.htm templates/sfxctrl/target_service/list.htm | SFX-6678 | |

| Issue Type | Component/s | Summary | Documentation Required | Changed Files | Key | SF Case |
|------------|----------------------------------|--|------------------------|--|----------|-----------------------|
| Defect | Back Office - General (SFX) | Update DOI links to use HTTPs | | lib/MetaData/FetchDOI.pm lib/NetWrap/HTTP.pm config/crossref.config revision_maker/applysw/foreachinstance.pl revision_maker/applysw/update_crossref_config_https.pl | SFX-6685 | 393948 |
| Defect | Back Office - General (SFX) | URL for fetching DOI updated from: http://dx.doi.org to: https://doi.org in config/crossref.config | | config/crossref.config <extra> revision_maker/applysw/foreachinstance.pl revision_maker/applysw/update_crossref_config_https.pl </extra> | SFX-6918 | |
| Defect | Back Office - SFXAdmin - General | Added the following security attributes to SFX Admin session cookies: sfx_session_id, SFXAdmin. Ensure that the httponly attribute is always added to make cookie inaccessible by JavaScript. When accessing SFX Admin by HTTPS, the secure attribute was added so as not to keep this cookie for non-HTTPS connections. | | lib/Manager/Session.pm lib/SFX/Util.pm sfxadmin/sfxctrl.cgi | SFX-6832 | 00398887, 00399290 |
| Defect | BO KB Tools - Data Loader | Fixed the issue with translating ELECTRONIC to PRINT ISSNs in dataloader which eliminated the warning in the dataloader error log. | | lib/Admin/Tool.pm | SFX-6602 | 380938 |

| Issue Type | Component/s | Summary | Documentation Required | Changed Files | Key | SF Case |
|------------|---------------------------|---|------------------------|--|----------|---------|
| Defect | BO KB Tools - Export Tool | Fixed the problem with PARSE_PARAM and IS_FREE columns not being included in the Advanced Export TXT format. | | lib/Admin/Tool.pm | SFX-6384 | |
| Defect | Core - SFX Menu | Fixed problem with SFX Aleph PlugIn causing the Aleph X-server to not respond properly. The maximum number of ISBN identifiers sent to Aleph in a single request was set to 15. In some edge cases this restriction was not applied, causing errors to be returned by the catalog. | | lib/Parsers/PlugIn/ALEPH.pm | SFX-6677 | 390353 |
| Defect | Front End - SFX Menu | Fixed the problem with XSS violations errors appearing after SP SP 4.9.3. Due to false-positive XSS detection in some cases, we removed the following two patterns from XSSlist.config: <pre>[\"\\].*?>.*?<.*?w[w\d]*?s*(.?[\"\\] \\\"\\] \\<.+?>.+?<V.+?></pre> These patterns will no longer be tested in SFX Front Ends. In Back Office, we sanitized the input parameters instead. | | config/XSSlist.config lib/MetaData/Validator.pm sfxadmin/sfxctrl.cgi revision_maker/applysw/foreachinstance.pl revision_maker/applysw/remove_redundant_xss_patterns.pl | SFX-6898 | |

| Issue Type | Component/s | Summary | Documentation Required | Changed Files | Key | SF Case |
|------------|-----------------------------------|---|------------------------|--|----------|---|
| Defect | Front End - SFX Menu - DirectLink | Fixed the issue when accessing the sidebar with HTTPS and target information provider content in HTTP resulting in white/empty screen instead of provider content. Now in this case, instead of provider content we display a link to open provider content in new browser tab. | | lib/SFXMenu/Engine.pm lib/SFXResolver/Engine.pm lib/SFXMenu/Output/DirectLinkWithSidebar.pm templates/direct_link/sidebar.tmpl templates/js/direct_link/sidebar.js | SFX-6739 | 00394222, 00396992, 00397789, 00399376 |
| Defect | General - Other | XSS vulnerability improvements. New regular expression were added to the existing list, in order to validate <...> ... </...> patterns in incoming URL parameters. This new pattern will be validated for SFX Admin URLs only. | | config/XSSlist.config lib/MetaData/Validator.pm revision_maker/applsw/add_xss_tags_sfxadmin_section.pl | SFX-6719 | |
| Defect | General - Other | Fixed the problem with script retrieving meta data about holdings files (get_file_metadata.cgi). In some cases, the script was failing with the error: Access Denied Error. | | cgi/public/get_file_metadata.cgi | SFX-6804 | |

| Issue Type | Component/s | Summary | Documentation Required | Changed Files | Key | SF Case |
|-------------|---------------------------|--|------------------------|---|----------|-----------------------|
| Defect | General - Other | Enhanced regular expression for detecting XSS attack with use of different events: onclick oncontextmenu ondblclick onmousedown onmouseenter onmouseleave onmousemove onmouseover onmouseout onmouseupe onload onpageshow onpagehide onresize onscroll onunload | | config/XSSlist.config lib/MetaData/Validator.pm sfxadmin/print_header.cgi sfxadmin/print_refresh_frame.cgi revision_maker/applysw/change_xss_regex.pl | SFX-6701 | 00398887, 00399290 |
| Enhancement | JournalSearch - BO | Included Journal Search and Translations & Display configuration sections in the SFX Admin Center for AdministratorLight BO user role. | | config/user_permissions.config lib/Admin/KBManager/Output/header.pm templates/sfxctrl/admincenter_light.html revision_maker/applysw/foreachinstance.pl revision_maker/applysw/add_permissions_to_admin_light.pl | SFX-6909 | |
| Defect | SFX Menu - SFX Menu | Fixed the problem with the Import Target Precedence wizard redirecting to the Login page in some cases. | | sfxadmin/preclImportWiz.cgi | SFX-6789 | 395507 |
| Defect | SFX Menu - SFX Menu | Fixed the problem with access to PUBMED for environments getting internet access via proxy only and having problems with HTTPs. | | lib/NetWrap/HTTP.pm | SFX-6584 | 359733 |
| Defect | SFX Menu - Source Parsers | Added support for retrieving the DOI value from DOI URL sent to SFX in form: https://dx.doi.org/<DOI>. Previously, only links starting with http:// were supported. | | lib/ContextObject/Engine/OpenURL.pm | SFX-6905 | |

| Issue Type | Component/s | Summary | Documentation Required | Changed Files | Key | SF Case |
|------------|--------------------------------|--|------------------------|--------------------------------------|----------|---------|
| Defect | Utilities - Revision Update | Fixed the problem with installing SFX extra updates on some versions of RH7. | | revision_maker/applyextra/extra.conf | SFX-6603 | |

New Targets and Target Services

| Target Name | Description | Target Service | Linking Level | For More Information |
|---|-------------|----------------|---------------|---|
| SAGE_RESEARCH_METHODS_CASES | | getFullTxt | BOOK | For more information: http://methods.sagepub.com/cases |
| GERRITSEN_COLLECTION | | getFullTxt | BOOK | For more information: http://gerritsen.chadwyck.com/home.do |
| EARLY_EUROPEAN_BOOKS_COLLECTION_8 | | getFullTxt | BOOK | For more information: http://eeb.chadwyck.co.uk/home.do |
| EARLY_EUROPEAN_BOOKS_COLLECTION_5 | | getFullTxt | BOOK | For more information: http://eeb.chadwyck.com/home.do |
| CAMBRIDGE_BOOKS_ONLINE_MEDICINE | | getFullTxt | BOOK | For more information: http://ebooks.cambridge.org/home.jsf |
| INTERNATIONAL_PRESS_PURE_MATHEMATICS_JOURNALS | | getFullTxt | JOURNAL | For more information: http://intlpress.com/site/pub/pages/journals/_home/_default/index.html |
| AMERICAN_PHYSICAL_THERAPY_ASSOCIATION_APTA | | getFullTxt | JOURNAL | For more information: http://www.apta.org/News/ |
| PHARMACYLIBRARY | | getFullTxt | BOOK | For more information: http://www.pharmacylibrary.com/ |
| JAMA_NETWORK | | getFullTxt | JOURNAL | For more information: http://jamanetwork.com |
| E_CONTEMPORARY_MATHEMATICS | | getFullTxt | BOOK | For more information: http://www.ams.org/publications/ebooks/ebooks |

| Target Name | Description | Target Service | Linking Level | For More Information |
|--|--|----------------|---------------|---|
| AMERICAN_ACADEMY_OF_PEDIATRICS_AAP_EBOOKS | | getFullTxt | BOOK | For more information: http://www.aapebooks.com |
| CAMBRIDGE_JOURNALS_2017_NORTH_AMERICAN_FULL_PACKAGE | | getFullTxt | JOURNAL | For more information: https://www.cambridge.org/ |
| E_CONTEMPORARY_MATHEMATICS_BACKFILE | | getFullTxt | BOOK | For more information: http://www.ams.org/publications/ebooks/ebooks |
| EARLY_EUROPEAN_BOOKS_COLLECTION_7 | | getFullTxt | BOOK | For more information: http://eeb.chadwyck.com/home.do |
| TWENTIETH_CENTURY_PARLIMENTARY_PAPERS_1901_2003_04_SESSION | | getFullTxt | BOOK | For more information: http://parlipapers.chadwyck.co.uk |
| ELSEVIER_SD_EBOOKS_FREEDOM_COLLECTION_2017 | Elsevier eBooks helps you support breakthrough research and serendipitous moments of discovery, keeping your institution a step ahead. | getFullTxt | BOOK | For more info: https://www.elsevier.com/solutions/sciencedirect/content/books-overview |
| ELSEVIER_SD_EBOOKS_FREEDOM_COLLECTION_2012 | Elsevier eBooks helps you support breakthrough research and serendipitous moments of discovery, keeping your institution a step ahead. | getFullTxt | BOOK | For more info: https://www.elsevier.com/solutions/sciencedirect/content/books-overview |
| ELSEVIER_SD_EBOOKS_FREEDOM_COLLECTION_2013 | Elsevier eBooks helps you support breakthrough research and serendipitous moments of discovery, keeping your institution a step ahead. | getFullTxt | BOOK | For more info: https://www.elsevier.com/solutions/sciencedirect/content/books-overview |
| ELSEVIER_SD_EBOOKS_FREEDOM_COLLECTION_2014 | Elsevier eBooks helps you support breakthrough research and serendipitous moments of discovery, keeping your institution a step ahead. | getFullTxt | BOOK | For more info: https://www.elsevier.com/solutions/sciencedirect/content/books-overview |

| Target Name | Description | Target Service | Linking Level | For More Information |
|--|--|----------------|---------------|---|
| ELSEVIER_SD_EBOOKS_FREEDOM_COLLECTION_2015 | Elsevier eBooks helps you support breakthrough research and serendipitous moments of discovery, keeping your institution a step ahead. | getFullTxt | BOOK | For more info: https://www.elsevier.com/solutions/sciencedirect/content/books-overview |
| ELSEVIER_SD_EBOOKS_FREEDOM_COLLECTION_2016 | Elsevier eBooks helps you support breakthrough research and serendipitous moments of discovery, keeping your institution a step ahead. | getFullTxt | BOOK | For more info: https://www.elsevier.com/solutions/sciencedirect/content/books-overview |

Implementation Instructions

Implementation Instructions for the SFX June 2017 ServicePack

Going Live with the New A-Z User Interface

The new A-Z user interface version has its own URL.

- `<SERVER>/<INSTANCE>/journalsearch` is the URL for the new UI.
- `<SERVER>/<INSTANCE>/az` is the URL for the old UI.

If you only link to your Journal Search page from your library homepage, it is easiest to just change that link to the new URL. However, if you have inserted the link in many different places, or you do not know where else it might be used (users may have bookmarked the link), you can also change the Apache configuration to redirect the old links to the new pages.

To do this, make the changes below to the following file: `config/local_httpd.config`:

1. Add the yellow/red rule below the existing rule:

```
RewriteRule      ^/<INSTANCE_NAME>(-[^\/]*)?/journalsearch(.*)
/<INSTANCE_NAME>/az$2?param_perform_value=journalsearch
[QSA,PT,E=__INST_URL_PART:$1]
RewriteRule      ^/<INSTANCE_NAME>(-[^\/]*)?/az(.*)
/<INSTANCE_NAME>/az$2?param_perform_value=journalsearch
[QSA,PT,E=__INST_URL_PART:$1]
```

2. Replace `<INSTANCE_NAME>` with the requested instance name

Note:

You must restart Apache in the local instance where the change was made. Information about restarting Apache can be found in the *SFX System Administrator's Guide*.

For customers with local installations only (does not apply to Ex Libris cloud customers):

If you use an alias in your apache configuration to point from the instance name to an external name, (for example the instance name is `sfxlcl4`, and you configured the external URL to redirect from `sfx_local` to `sfxlcl4`), you need to amend the rewrite rules that were added to your apache configuration for the journal search user interface.

Note: This applies only to customers with local installations.

1. Login to the SFX server as the local instance and open the following file for editing:

```
/exlibris/sfx_ver/sfx4_1/<local instance>/config/local_httpd.config
```

2. Manually change the instance name in the five new RewriteRule directives listed below in the beginning of the file or run the following commands if you use the 'vi' editor (notice the spaces in the second command):

```
:%s/\^\ /old_name/new_name/
:%s/ \ /old_name/ \ /new_name/
```

3. Restart local Apache

The following rewrite rules were added to the `local_httpd.config` configuration file for the journal search user interface:

```
RewriteRule ^/sfxlcl41(-([^\/]*)?)/api/sfxmenu/openurl/(.+)
/sfxlcl41/cgi/core/api.cgi?restidentifier=sfxmenu&sfx.institute=$2&$3
```

[QSA,PT,E=__INST_URL_PART:\$1]

RewriteRule ^/sfxlcl41(-[^\/]*)?/api/configuration/([^\/]*)/([^\/]*)?
/sfxlcl41/cgi/core/api.cgi?restidentifier=configuration&control_group=\$2&control
_section=\$4 [QSA,PT,E=__INST_URL_PART:\$1]

RewriteRule ^/sfxlcl41(-[^\/]*)?/api/journalsearch/([^\/]*)/([^\/]*)/(.+)
/sfxlcl41/cgi/core/api.cgi?restidentifier=journalsearch&profile=\$2&searchtype=\$3
&searchterm=\$4 [QSA,PT,E=__INST_URL_PART:\$1]

RewriteRule ^/sfxlcl41(-[^\/]*)?/api/multilanguage/([^\/]*)/([^\/]*)
/sfxlcl41/cgi/core/api.cgi?restidentifier=multilanguage&language=\$2&group=\$3
[QSA,PT,E=__INST_URL_PART:\$1]

RewriteRule ^/sfxlcl41(-[^\/]*)?/journalsearch(.*)
/sfxlcl41/az\$2?param_perform_value=journalsearch [QSA,PT,E=__INST_URL_PART:\$1]

1

3