

Axiell Arena 1.5 Release Notes

English

AXIELL

Creative solutions – expanding minds

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Contents

1	Accessibility	4
2	Administration	5
3	Help	6
4	Content Management	7
4.1	Articles and Themes	7
4.2	Contact Forms	7
4.3	Dynamic functions	7
4.4	List Presentations	8
5	Patron Activities	9
5.1	Login	9
5.2	Forums and Discussions	9
5.3	Tags	9
5.4	Recommend this to a Friend	9
5.5	Reviews and Ratings	9
5.6	Überkey	10
5.7	Media List	10
5.8	My Loans	10
5.9	Payments	10
5.10	Reservations	10
6	Search	12
6.1	Indexing	12
6.2	Search and Presentation	12
6.3	Similar Titles	13
7	Miscellaneous	14
7.1	Hosted and Multi-Agency Environments	14
7.2	Axiell Web Services	14
7.3	Performance	14
7.4	Styling Issues	14
7.5	Security	15
7.6	Central Service	15
7.7	Other	15

1 Accessibility

- Arena now fully complies with the accessibility requirements in W3C 1.0 AA, W3C 2.0 AA and Verva prio 1.
- The accessibility compliance includes all Arena portlets in the standard delivery setup in standard themes and colour schemes. Also the most used Liferay portlets have been adjusted.
- JavaScript has been removed in most places. Some remains but there is an automatic adjustment in the software if JavaScript is turned off, so that the functionality and data is accessible anyway.
- Alt tags have been added everywhere.
- Liferay CSS now passes validation.
- Arena RSS now passes validation

2 Administration

- A staff dashboard has been introduced. In 1.5 the dashboard handles authorization of reviews and abuse reports for reviews and forums. The dashboard replaces the mails that were sent earlier when reviews had been added abusive reviews reported.

In version 1.5 abuse reports for reviews or posts made at another library will be shown. In this case a message is shown that it is not possible to show the name of the reporter. This will be fixed in a coming version.

- Roles for Arena users have been introduced. The normal Arena user has no role, but those who should do some kind of administration in the system can be assign roles in a new portlet, Authorization manager.
- The roles that can be assigned are:

AbuseHandling: access to the Staff dashboard

ArenaMemberAdmin: access to the installation service on member level. This is also the role that can assign roles to other users.

Articles: access to the metadata and images in articles and authorization of articles

Inbox: access to the outbox function to send messages to all users.

The two roles Groups and Forums are not in use in version 1.5.

Another role, **AgencyAdmin** is not available from the portlet. It is allotted in the installation/upgrade wizard. This role gives access to the installation service on agency level.

- The user with this role can assign the first ArenaMemberAdmin. This can also be done by an administrator logged into Liferay.
- Liferay login will no longer be necessary for the above functions. It is only needed to administer the page itself including configuration or to use Liferay portlets.
- The installation service now handles a lot of general configuration on agency and member level that was in the property files in earlier versions.

Examples:

- Cover providers, which ones and in what order
- Payment provider and general parameters for the payment function
- Search suggestion providers for use on the zero-hits page.
- E-mail address for sender is now in the installation service.
- Cover suppliers and settings are now on member level so different suppliers can be used by the different members in an installation.
- Search suggestion suppliers and settings are now on member level so different suppliers can be used by the different members in an installation.

3 Help

- A wiki has been set up for end user help and for reference guides for the staff. The end user help can be accessed by everybody. For the staff pages you need a user name and password. You will be informed about these during the upgrade projects.

Every portlet can have a help link which leads to the relevant page in the Wiki. The help link is not activated by default; it has to be configured after the upgrade.

The Wiki cannot be edited in this version.

4 Content Management

4.1 Articles and Themes

- It is now possible to search for copy-able articles and make copies of these for your own publication. It is the creator of the article who set the copy-able status.
- The size of the popup window for upload of image is increased.
- It is now possible to change URL links in Article Single View.
- When you cut and paste an existing link in Liferay Journal Article the link no longer gets coding for being displayed in white.
- Internal links in articles are no longer changed automatically to reflect the path; they are maintained in their original format.
- Unnecessary tools have been removed from the WYSIWYG editor in articles which also has reduced the size of the component.
- Performance in articles has been improved.
- The default to-date is set to one year after first publication date.
- Liferay Journal Content has changed name to Web content Display and can be found under the Content Management portlet group.

4.2 Contact Forms

- The contact forms for general contact, ILL and acquisition suggestion now fetch from the e-mail address from the portlet configuration. If this is not available a default can be fetched from the installation service.

4.3 Dynamic functions

- In version 1.1.1.3 there are external links that can pick up information from the current detail display or search and include it in the link thus making the link dynamic.

In 1.5 the same technique is implemented in other types of presentations:

- The lists that also exist in 1.1.1.3 can now be connected to the current content with variables. Show more works by this author etc.
- A new portlet, Dynamic Iframe will embed another sight on the page. Example: send the search to Google and present the results in a frame on the page.
- Another new portlet, Dynamic Web service client will request data from a web service and present the result in Arena. Examples: send the search to another catalogue and present a result list in Arena. Or ask for reviews from a service and present them in Arena. This does not embed the sight as the Iframe, it embeds the response from the other service.

All use the same FreeMarker syntax as the external links and can be used I connection with search for catalogue records and articles and the respective detail presentations.

- New variables have been added:
 - Titleoriginal
 - Titlemain
 - Language
- There are now two types of Query:
 - "Query" now sends the complete active query including all search syntax
 - "ExternalQuery" sends the search words but excludes the search syntax

4.4 List Presentations

- This section applies to list presentations of catalogue or article data. All lists are based on the same component and therefore have the same functionality.

Issues that apply to a specific use of the list are found in respective section of this document.

The following lists use the common component:

- Search result lists for catalogue and articles
- Dynamic lists for catalogue and articles
- Media list

A selection function is available on all lists. This is used to select titles for printing, e-mailing and download and for media list also for reservation. There is also a "select all" and "deselect all" function.

An error message is given if you take any of these actions without having selected at least one item.

- The domain name is now shown on printed pages
- Information about the sender is now shown on printed pages

5 Patron Activities

5.1 Login

- When a patron gets a new library card he can now reuse his Arena user. This means he will not lose any of his data like tags, reviews etc.
- If you use the back function in the browser after having logged in it will look as if you are no longer logged in, but you are. This is an effect of browser technique and cannot be avoided.
- The error that could occur if you performed a search in this situation has been removed.
- There is now a restriction that a user name cannot contain more than nine digits. This is to prevent users from using their personal or social security numbers as user names.

5.2 Forums and Discussions

- The user can now start a discussion about a catalogue record title or an article. The forums can be placed on the detail pages.
- The user can reply to threads that have already been started or start a new thread.
- Abusive behaviour can be reported.
- The user has to be logged in to use the discussion functionality.
- The portlet "Forum" should not be used. The correct one is "Forum for title"

5.3 Tags

- It is now possible to tag also articles. The portlet should be available on the article detail page. In the configuration the context articles can be chosen.
- The tagging portlet (normally on the detail page) has been replaced by a new one. The portlet has to be added to the page again.
- The correct font size is now used in clouds when a tag only occurs once.

5.4 Recommend this to a Friend

- A user can recommend a title or an article to a friend. The function sends a mail with the link. The user needs to be logged in to send the recommendation.

The mail for is a new portlet that should be placed on a hidden page. The page address is given in the configuration of the record or article detail portlets.

5.5 Reviews and Ratings

- The reviews function as a portlet has been replaced by a panel in the catalogue record detail portlet. This means that the configurations are now in the CRD portlet.

- Rating is no longer done in connection with the review the two contributions are seen as different activities. Rating can now only be done in the presentation of the title.
- If a user has both rated and reviewed a title they will be shown together when displaying the review.
- Users that are logged in with card/pin and do not have an Arena account can now see reviews. This means that all published reviews can be seen by everybody.
- The presentation of the library where a review was made is now correct, even if the user has accounts in more than one library.

5.6 Überkey

- It is no longer possible to rate, review, tag or do anything überkey related on records with the dummy überkey. Information is shown in the portlets.

5.7 Media List

- The media list (media basket) has been reworked completely which has gotten rid of the earlier problems with this function. It now uses the common list component.
- The media list now shows only titles for the current agency, even if the user has added titles from different libraries to his media list.

5.8 My Loans

- The review button is shown only if you have an Arena account
- There is now a possibility to renew all loans without having to mark them all manually. The buttons for renewal are available both at the top and bottom of the list
- The renewal button is not available if there are no titles that can be renewed.

5.9 Payments

- QuickPay has been added as available payment provider in addition to Dibs.
- Payment settings have been moved from the debts portlet to the installation service. The Online payments active yes/no setting remains in the portlet.
- The "An active email address is required to process online payments" is only shown if online payment is set to active in the configuration

5.10 Reservations

- Usability issues have been solved in reservations:
 - The panel disappears automatically after a successful reservation. A confirming message is shown. If the reservation is not successful the panel remains open.
 - For reservations in the media list a confirmation is generated for each title.
 - It is possible to configure whether to show the 'from' and 'to' dates.

- Reservation of specific issues for periodicals has been moved to title level. The user will have to make some more choices for this to be possible – the issue requested and where to place the reservation. The possibility to reserve on the lowest level in holdings has thereby been removed. It is not possible to reserve the periodical as a title reservation.
- More specific error messages can be given when a reservation fails. This can differ between the different LMSs.
- Accessibility: it is now possible to make reservation with JavaScript turned off

6 Search

6.1 Indexing

- Removal of a tag now triggers a new indexing of the record; it will no longer be searchable for the tag.
- The performance of the standalone indexer (initial indexing) has been improved.
- The recurring indexing has been stabilized and also the logging is more informative so that problem solving is made easier.

6.2 Search and Presentation

- Search suggestions from the index are shown asynchronously while typing a query in the search field. The user can choose one of the suggestions; the search is then executed for this choice automatically. He can also use the search button as usual and the search will be executed for the words entered.

The indexes used are Author, Title and Subject.

- Relevance sorting has been improved. Translated books no longer get higher relevance than those in original language. Also collections get lower relevance.
- Usability improvement: Using the back button after a facet search causes now works. Facets are shown correctly and the correct search result is given.
- Usability improvement: A link in the holding statistics encourages the user to go to the holdings panel to see the detailed information
- Usability improvement: Replace the “-“ with an “x” to indicate that a chosen facet can be removed, as an “x” is more intuitive for removing.
- Usability improvement: There is now a status “Not available” shown in holdings when the copies are not checked out but unavailable for other reasons.
- Usability improvement: Links in catalogue records are now replaced by the text from text from the field 856 z. If there is no text the full link will be displayed.
- If there is more than one Notes field in the catalogue record they are shown under each other, not concatenated as before.
- “Link to this page” or “Link to this search” is now shown as a link. To copy it standard browser functionality is used with right click/copy link.
- Accessibility: Holdings are shown expanded if java script is turned off.
- The search is no longer performed for search help providers on the 0-hit page. Performance issue.
- Removing sort option 'Publication Year' no longer removes also sort option 'Author'
- RSS feed texts from search results are now translated

- A license key to the Yahoo service needs to be added for each customer in "Application Id" in Search Suggestion Group in installation service. Get your key from Yahoo:
- <http://developer.yahoo.com/search/web/V1/relatedSuggestion.html>
- It is now possible to let the backend send the URL for the cover service in CatalogueExportResponse in ALMA. This can be used when the URL is not generic but dependant on information in the specific record e.g. BTJ Tifo/Syndetics in Sweden and Finland
- The Cover service from Adlibris has change syntax; this has been implemented in Arena.
- Facets with the same number of hits are now sorted alphabetically ascending.
- Year- facet should sort numerically descending. It has to be configured as sorted alphabetically. This sort type should be used only for publication year as the sorting is always done descending.
- Language codes Zxx and sgn have been implemented in the translation tool

6.3 Similar Titles

- The specific similar titles portlet has been removed and should be replaced with a dynamic list portlet with the following search:

```
[#if mediaClass?? && mediaClass != "" && subjects?? && (subjects?size > 0) &&
catalogueLanguages?? && (catalogueLanguages?size > 0)]([#list subjects as
subject]subject:"${subject}"[#if subject_index < subjects?size-1] OR [/#if][/#list]) AND ([#list
catalogueLanguages as catalogueLanguage]language:"${catalogueLanguage}"[#if
catalogueLanguage_index < catalogueLanguages?size-1] OR [/#if][/#list]) AND
mediaclass:"${mediaClass}" AND NOT überkey:"${catalogueUuid}"[/#if]
```

The query searches all titles for the same subjects (using OR) that have the same languages (using OR) and mediaclass but not titles with the same überkey. The result is sorted by relevance.

7 Miscellaneous

7.1 Hosted and Multi-Agency Environments

- Multi agency installations of Arena can now be configured to run in a Virtual Host setup, where each Liferay Organization (Arena Member) runs in a single portal instance and each portal instance corresponds to one Virtual Host.
- Local translations made in one Arena Member no longer affect the texts in other Arena Members.
- Cover suppliers in priority order can now be defined on Arena Member level in the Installation Portlet.
- 0-hit search suggestion providers can now be configured on Arena Member level in the Installation Portlet.
- Liferay administration is now on Liferay Organization (Arena Member) level, users and Liferay objects are separated. Administrators from one organization cannot change objects from other organizations.
- It is now possible to remove the index of a specific agency from a common index if re-indexing is necessary for only that specific agency. Other agencies in the index will not be affected.

7.2 Axiell Web Services

- An external documentation for AWS is now available
- The patron information service has been implemented
- The reservation service has been improved and now contains all data

7.3 Performance

- Performance has been enhanced especially on the Start page and the search result. However the performance is always dependant on what is shown on a page, especially if there is a lot of information fetched from other sites it affects the performance.

7.4 Styling Issues

- For accessibility reasons a major rework of the standard themes and colour schemes has been done. A large change is that for the majority of layouts we have now replaced the table based layout with that of a div based layout.
- A number of styles have been changed so that Arena Portlet classes start Arena- followed by the class name. The reason for these changes are to make it easy for the person styling the application to identify what parts are arena and well as bringing in consistency into the html structure. There will therefore be some work for customer specific styling after the upgrade. Contact your support if you want Axiell to do the adjustments.
- Some Liferay portlets have been styled to work better in the standard themes/colour schemes

-
- The customer specific styling (customer.css) will be moved to Liferay's Document Library during the upgrade.

Storing the styling in the Document Library will make the maintenance easier – upload can be done from any browser and the Document Library automatically maintains the version history of the uploaded documents.

7.5 Security

- Autocomplete features have been disabled on sensitive data e.g. login information.

7.6 Central Service

- The local Arena can now run even if the Central Service is down. All services against the catalogue and LMS data can be used, e.g. search, reservations, renewal. Other functions are not available like tags and reviews. The user is informed about this. When the Central Service is up again the local Arena will automatically return from offline to normal mode.

7.7 Other

- Upgrade Liferay to 5.2. See release notes here: [Release notes Liferay 5.2 and From 5.1 to 5.2](#)

Note especially:

- Liferay's portlet Web form has been replaced by a new one. Those used on pages will have to be replaced.
- A new function in Liferay is the Control panel now available from the drop down list. This replaced functionality that used to be located within portlets.
- As mentioned earlier the Journal Content is renamed to Web Content Display.
- Portlets that are not available any longer in the software but have been in use on the web pages are shown if the user is logged in to Liferay as administrator. They should be removed but this can be done as you run into them, they do not affect the page for other users.
- There is now a confirmation message when you restore default configurations, so that this is not done by mistake.
- Arena has been tested also in Internet Explorer 8
- /liferay has been removed from the URL. Old links will work in parallel.
- Backward compatibility is implemented for the central data. This means that 1.1.1.3 works as before even though the structure has been changed. The only thing that does not work fully is the abuse reporting of reviews. The reporting can be done and the report is stored but it cannot be handled by the staff until after the upgrade to 1.5.