



Professional
software for
collections
management

 **dlib**

 **7.4**

Release notes

AN AXIELL PRODUCT

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Introduction

These release notes describe a number of improvements in the Adlib executables, which are implemented in Adlib 7.4. This release is available from mid-March 2017 to all customers with a support contract and can be downloaded from the Adlib website.

See the [Designer 7.4 release notes](#) for information that is largely limited to using Designer or which has been described more from the application manager's perspective.

You can simply install this software on top of your existing Adlib system. So you do not need to uninstall anything, but please do make a backup of your databases and applications first. Your *adlib.lic* license file (located in the same folder as your Adlib .exe files) will not be overwritten by the upgrade.

The release notes of previous major releases and service releases can be found on the Adlib website.

■ Backwards compatibility warning

New functionality in Adlib 6.6 for SQL Server and Oracle databases makes records that you change with this version or newer versions inaccessible to older versions of Adlib (adlwin.exe as well as wwwopac.exe). Please, keep this in mind if you would first like to try Adlib 7.4 before making the definitive upgrade. This limitation does not apply to CBF databases.

This means that you have to update wwwopac.exe to 7.4 too (this requirement does not apply to wwwopac.ashx). This may have consequences for your web application though because of some changes in the *structured* XML-format: previously, empty fields from field groups did not appear in the record XML, while from 6.6 they do.

You also need the latest version of Adlib Designer to implement functionality described in these release notes. However, when you use the new version of Designer to set up functionality that is introduced with 7.4, you sometimes won't be able to edit that application or parts thereof, any more in older versions of Adlib Designer. To be precise:

- Once you've set [record type access rights](#) for a field you won't be able to open the `\data` folder with older versions of Designer any more, nor will you be able to run the application with Adlib for Windows (adlwin.exe) versions older than 7.4.16152.2. Removing all record type access rights will restore backwards compatibility with version 7.3.

- Marking either of the two new [Run before field adapl and Run after field adapl checkboxes](#) in the properties of a screen field doesn't break backwards software compatibility with older versions of Designer or adlwin.exe, but if you also change the *Validation* property of a screen field from *Run adapl before entering this field* or *Run adapl after leaving this field* to one of the other options because you've marked one of the new checkboxes, then with an older version of adlwin.exe your application won't behave the same as before because it'll only look at the *Validation* property and won't do anything with the new checkboxes. To make it simple: only use the new checkboxes and change the *Validation* property accordingly if you are okay with using Designer 7.4 and adlwin.exe 7.4 from now on (although restoring the old settings will restore backwards compatibility).
- Adding comments on the new [Developer notes](#) tab in field definitions breaks compatibility with older versions of Designer and adlwin.exe versions older than 7.4.17047.1. Removing such comments will restore compatibility with older versions though.
- Other new functionality, such as adding a custom data language, adding a simple search method for Axiell Collections, inserting a line break in brief display screens or using the `folderid` argument in retrieval paths doesn't break backwards compatibility.

Should you want to go back to an older version and you encounter errors on opening the application or data sources, then first try to deactivate your 7.4 settings in Designer 7.4: after that, you should be able to open your application with the older version of the software again.

When you are updating from a software version older than 7.3, please also see older release notes for more important information about backwards compatibility.

1 New functionality

1.1 Related terms in the hierarchy browser

From Adlib 7.4, the hierarchy browser (F9) also displays related terms, such as those registered in the *Related term* field of a Thesaurus record for instance. In the hierarchy browser, related terms will be displayed in a bold green font.

The screenshot displays the Thesaurus interface with two main panels: 'Thesaurus term' and 'Hierarchy browser'.

Thesaurus term panel:

Term	Africa
Term type	
Term code	
Status	undefined
Relations	
Use	
Used for	African countries
Broader Term	
Narrower Term	Africa south of the sahara Botswana Namibia South africa Southern africa Zimbabwe
Related Term	African nationalism Africanisation
Equivalent Term	Afrika

Hierarchy browser panel:

- Africa
 - Africa south of the sahara
 - Botswana
 - Namibia
 - South africa
 - Southern africa
 - Zimbabwe
 - Afrika**
 - African nationalism**
 - Africanisation**

You may first still have to switch the display of related terms on, though. Right-click the hierarchy browser to open the pop-up menu. Use the *Show/Hide equivalent terms* and *Show/Hide related terms* options to switch the display of these two types of relations on or off.



1.2 New Designer functionality

Most new functionality in version 7.4 can be found in Adlib Designer. A brief overview:

- Access rights for data dictionary fields, based on record type
- Record type access rights for enumeration values
- Copying all label translations at once
- Adding comments to screen and field conditions
- Adding a custom data language
- New *Fields* column in *Index list* view
- New object list features
- Adding comments to field definitions
- A *Simple search* method for Axiell Collections
- Standard field validation separated from field validation by adapt

- Overridden fields in field lists displayed in ochre
- Documentation functionality in Designer expanded
- Looking for output formats with the *Object searcher*
- Forcing a line break on brief display screens in Adlib
- Format string also applicable to related and equivalent terms
- More functionality in the *Application tester*
- `folderId=%preref%` in `wwwopac.ashx` image server calls

See the [online Designer 7.4 release notes](#) for more information about these topics.

2 Other improvements

In 7.4 the following functionality has been improved as well:

Ref.no	Short description
3270, 4058, 4077	It was not possible to create documentation on roles and their assigned access rights per Adlib object in Adlib Designer. See the Designer 7.4 release notes for more information about the implementation.
3384	Printing multiple records to a Word template containing not just a record list but also some other table (for layout purposes), would result in a document that didn't look as expected.
4276	.pbk documentation created by Designer did not contain the database path, name and dataset associated with the data sources in the application definition. See the Designer 7.4 release notes for more information about the fix.
4492	A screen field couldn't be mandatory and initiate an after-field adapt as well. See the Designer 7.4 release notes for more information about the implementation.
5478	If you created and saved your own style in the <i>Print wizard</i> and consequently used that style in another print format you made with the <i>Create a report with the print wizard</i> option, then the style was not fully applied.
5484	Italics layout for headers and footers was not saved in a new style that you created in the <i>Print wizard</i> .
6125	Page numbers in a <i>Print wizard</i> style were not displayed correctly.
6137	When a Word template had two tables, one of them containing text only, then part of the second table was repeated as many times as there were records selected
6851	Internal link relation fields labels were not adjusted after an internal link type had been selected. The default labels "Broader Term" field

	and Narrower Term" field were still being displayed.
6852	While changing an internal link definition, field name resolving of the relation fields sometimes caused an invalid field error.
6896	Advanced search: when left truncation was used, right truncation was automatically applied too.
6911	The <i>Thumbnails</i> tab in the <i>Media viewer</i> retrieves full images even when a thumbnail retrieval path existed for the relevant field.
7002, 7003	The designer <i>Object searcher</i> could not search for the file names of output formats (print adapls, Word templates and XSLT stylesheets). The <i>Output format</i> option has now been added to the <i>Object category</i> drop-down list. See the Designer 7.4 release notes for more information about the fix.
7101	When you created documentation in Adlib Designer for the <code>\data</code> folder by right-clicking this folder and selecting the <i>Create documentation</i> option in the pop-up menu, then the documentation only contained access rights.
7160	Invalid field error when adding a forward reference to a new linked field in Designer.
7195	After setting the <i>Unique keys only</i> option for an index in Designer, reindexing this index did not report non-unique values.
7229	When you searched <i>Persons and institutions</i> containing records with identical names, of which some were preferred names and some non-preferred names, then the list showed only the non-preferred names.
7267	Output adapls didn't always display a multilingual field value when the adapl was used in an SDI profile.
7483	Time fields only allowed the format 00:00 (without seconds) instead of 00:00:00.
7487	After adding an image to a record, the <i>Media</i>

	viewer behaved as if you had added a video file, also showing video play buttons.
7586	An html field on a screen prevented the screen from being redrawn correctly when a scroll bar was needed to display the entire screen.
7600	In Designer, drag and drop of a field definition from one database to another generated two copies of the dragged field.
7634	When canceling a 'replace in record'-action with two Adlib application windows open, Adlib would jump to the window where the action didn't take place.
7708	Records containing exotic characters were not found when searching on a key containing that exotic character.
7711	When deriving a title from the Koninklijke Bibliotheek, Adlib would crash if you looked at the details of a search result. A stackdump was generated too.
7715	When in a record a new field group occurrence had been added from a linked database and the field to sort the occurrences on was empty, then the new occurrence did not end up at the beginning or the end of the list of occurrences, but somewhere in the middle
7721	Retrieving a sorted pointer file using the <i>Pointer file</i> icon in the Adlib main menu, would return an error 147.
7723	An advanced search containing the <i>expand</i> command in combination with the 'Use preferred/equivalent relations' option, ignored the <i>expand</i> command.
7748	When saving a library record with a long title, an error 29 was generated.
7760	When looking at the <i>Persons and institutions</i> data source, opening, closing and reopening the <i>Link overview</i> (in another record) caused the application to crash.
7831	When an import job created in Designer was

	selected in Adlib, then the import job options were still editable.
7841	The <code>CHR\$(13) + CHR\$(10)</code> string operation in ADAPL did not result in a new line.
7851	The <i>Extended object listing</i> output format produced several empty pages.
7860	Library <i>Shortlist</i> output format did not generate a page header nor the first field value of the first record when printing to printer, PDF or XPS file.
7883	The brief display tab header didn't show the selected record type in the search query.
7905	When using <code>FN.thumbnail</code> in a Word template, no picture was printed.
7906	The <i>Search wizard</i> generated an additional step when searching on an enumerated field, listing all values of the searched field appearing in the records which were found on the searched term.
7919	The <i>Add mapping</i> function on the <i>External source: advanced properties</i> tab in Designer didn't work.
7920	Pressing Return in an RTF field could make the field disappear and delete its content.
7928	A field with a default value that was defined as not repeatable, could be repeated anyway when used as a destination field in a <i>Write fields to linked record</i> definition.
7958	An incorrect <i>Record has been deleted</i> message appeared when navigating the Hierarchy browser while a zoom screen had been opened.
7991	The <i>Find file</i> option for image fields was not present in the right-click pop-up menu for those fields yet.
8016	Equivalent and related terms in the <i>Hierarchy browser</i> were not displayed using any format string set for the relevant internal link definitions.

8064	Your <i>Include narrowers</i> setting in step 4 of the <i>Search wizard</i> wasn't remembered by Adlib.
8065	Advanced search: left truncation always resulted in a left <i>and</i> right truncated search.
8089	Indexes set up with <i>Unique keys only</i> and a domain filled in, still allowed for duplicates to be indexed.
8119	Automatic sorting of occurrences didn't work any more.
8127	An empty, record type filtered access point search, sometimes still yielded records from the wrong record types.
8221	Advanced search: there were records missing in the results of searches for empty fields, using the WHEN/WHEN NOT operators.
8235	SqlConnection didn't support parallel transactions.
8242	When during printing to a predefined output format with an attached Word template the <i>Save to file</i> option was selected, the program tried to save the Word document as an <i>.out</i> or <i>.txt</i> file.
8253	A term with a leading space was indexed including the leading space and couldn't be found when searching on the term.
8358	The <i>Replace in record</i> function reported seemingly random errors on duplicate narrower links.
8368	Printing to a Word template: the tag of an image field in a table cell of the template was not removed if the printed record had no image.