



Professional  
software for  
collections  
management

 **dlib**



**7.6**

AN AXIELL PRODUCT

Release notes

## Axiell ALM Netherlands B.V.

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# Introduction

These release notes describe a number of improvements in the Adlib executables, which are implemented in Adlib 7.6. This release is available from mid-May 2019 to all customers with a support contract and can be downloaded from the FAQs section in the [Axiell Customer Portal](#).

See the [Designer 7.6 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 Axiell Customer Portal as well.

## ■ 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 7.6 before making the definitive upgrade. This limitation does not apply to CBF databases.

You do not have to update wwwopac.ashx per se too.

You also need the latest version of Axiell Designer (previously branded 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 7.6, you sometimes won't be able to edit that application or parts thereof, any more in older versions of Axiell Designer. To be precise:

- Changing the *Journal field changes* option from *Disabled* or *Legacy (Adlib for Windows)* to *Record History (Collections)* breaks backwards compatibility with Axiell Designer/Adlib 7.5 and older. Please see the Designer release notes topic for more information: [Field-level auditing: journalling field changes](#)

- [Setting up an inline report for Axiell Collections' report viewer](#) breaks backwards compatibility with Axiell Designer/Adlib 7.5 and older. Removing the inline report should restore compatibility.
- [Setting a default invariant data language](#) breaks backwards compatibility with Axiell Designer/Adlib 7.5 and older. Emptying the option should restore compatibility.
- The marked *Metadata enabled* option for a field and its *Meta data properties* will break compatibility for the relevant .inf with Axiell Collections older than 1.0.6673.28957 and Adlib for Windows 7.6.18093.2 (even though Adlib for Windows ignores the metadata setup). Removing the settings will restore compatibility with older versions although the extra SQL tables will remain present in the database. See the [Storing reverse relation metadata in a separate database table](#) Designer release notes topic for more information.
- Once you mark the *Write once* option for a field, the relevant .inf will only be compatible with Axiell Collections 1.0.6599.25993 and higher and Adlib for Windows 7.6 or higher (even though Adlib for Windows ignores the setting). Removing the setting will restore compatibility with older versions. Also see: [Making fields once-writeable in Axiell Collections](#)
- Adapls using the [RunAsRole](#) function will only run correctly under Axiell Collections 1.5 and higher (no support for Adlib for Windows).
- [Setting up the password reset functionality](#) using any of the *E-mail field*, *Phone number field*, *Provider*, *Server* and *Port number* fields will break backwards compatibility with Axiell Designer/Adlib 7.5 and older. Emptying the options should restore 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 7.6 settings in Designer 7.6: 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 7.5, please also see older release notes for more important information about backwards compatibility.

# 1 New functionality

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## 1.1 New in Adlib for Windows

- Hierarchy browser performance improvements.
- Support for writing to the new journal format that is used by Collections. Please see the Designer release notes topic for more information: [Field-level auditing: journalling field changes](#)
- Support for TLS 1.2 and 1.3 (Transport Layer Security) encryption when connecting to SQL databases, when the proper ODBC driver has been installed on the local pc.
- Automatic reconnection to SQL if the connection to the database is lost in any way, and Adlib now also tries to keep idle connections from getting dropped.
- Improvement to how Adlib retrieves groups from Active Directory (nested group support).
- For Adlib for Windows only, the ADAPL `repcnt()` function now accepts an optional extra parameter that disables the resolving of links when counting occurrences. This improves performance in situations where resolving isn't needed and the occurrence count is likely to exceed 50000.

### Syntax

`number = REPCNT(tag, 1)`

### Arguments

`number`: integer

`tag`: field tag

The second argument must be 1 to disable resolving.

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## 1.2 New Designer functionality

Most new functionality in version 7.6 can be found in Axiell Designer and pertains to Axiell Collections. A brief overview:

- [Field-level auditing: journalling field changes](#)
- [Setting up an inline report for Axiell Collections' report viewer](#)
- [Setting a default invariant data language](#)
- [Storing reverse relation metadata in a separate database table](#)
- [Making fields once-writeable in Axiell Collections](#)
- [RunAsRole](#)
- [Setup of password reset functionality](#)

See the [online Designer 7.6 release notes](#) for more information about these topics.

## 2 Other improvements

In 7.6 the following functionality has been improved as well:

Ref.no	Short description
9450	Derival from an external source produced a db handle error.
9514	During the processing of a reverse link, a storage adapt FACS READ on the remote record always loaded the original, non-linked version of that remote record, even though in that remote record a link to the current record had already been added.
9372	A WHEN search in combination with an enumerative field gave no results unless the neutral value was used.
9594	The ADAPL <code>wordcreatedocument</code> function didn't create a Word document anymore.
9275	When using the WHEN search operator, a free text index started behaving like a term index: you had to use truncation to get results.
9407	When a term was typed into a linked field with a partly variable domain, Adlib would ask you if you wanted to add the term to <code>[fixed_part]%enumerative_value%</code> , even though it was already there.
9685	Zoom screens didn't show field labels
9654	Printing using XSLT with CSS ignored the CSS in the actual print although it looked okay in the preview.
9694	There was a SQL error 189 when searching in a linked field when the linked-to field had an alpha-numeric index.
9438	Thumbnails didn't show in the result list after opening the <i>Thumbnails</i> tab of the Media Viewer in the detailed presentation of a record.
9681	In the Media Viewer the first full image was visible but the second was not and subsequent images were visible again.

9738	When searching on an integer field, you got an error 189: Conversion failed when converting the nvarchar value '?' to data type int.
9757	Multilingual applications no longer functioned correctly under Windows 10 build 1803. Data stored in a language which was also the Windows display language (only the main language, the dialect didn't seem relevant) could no longer be displayed in the detailed (or brief) presentation of a record or in the <i>Edit multilingual texts</i> dialog. In Adlib for Windows, all data could only be shown with <code>Ctrl+R</code> but then data in the current data and Windows language could be preceded by the wrong language code.
9478	In a grouped field with many occurrences (> 150) double-clicking in the empty field of that group showed the wrong list. The list of the first field was shown.
9720	Derival from an external thesaurus in a linked field added the wrong lang attribute to all multilingual fields within the locally stored linked record.
9758	When trying to link to a non-preferred term, the wrong preferred term (with the same name!) was chosen.
9780	<i>Replace in record</i> chose the value with the lowest preref if there were two (or more) records for the same term.
9800	The ADAPL <code>&amp;C[1]</code> system variable contained the first index value after the search value while <code>&amp;C[2]</code> contained the second search value.
9795	After a reservation on title in Adloan, the catalogue number wasn't written to the relevant title reservation record.
9799	Linked multilingual fields only showed one data language, while in the linked record two language values were present.
9863	SDI sometimes didn't send an e-mail and returned <code>stat="-10"</code> .

AFW-26	Reusing the number of an earlier deleted pointer file would also reuse the access rights settings of the deleted pointer file.
AFW-23	The ADAPL <code>reccopy</code> function copied the term of a linked field instead of the link reference value, even if the linked field in the FACS source and destination database were linked to the same database.
AFW-21	Using an asterisk for truncation in a linked field didn't work correctly.
AFW-19 AFW-5	The <i>Delete</i> button was disabled in the detailed presentation of a record when the current or all detail screens were read-only.
AFW-17	The ADAPL <code>deletefile</code> function sometimes returned an error 181: access denied.
AFW-15	Using <i>Append occurrence beneath</i> could put content from one occurrence in different occurrences.
AFW-14	Access rights for a role defined in a User's database record were not implemented for that user.
AFW-9	Adlib did not recognize nested AD groups of users: Adlib would always start with \$REST access rights.
AFW-7	When in a multilingual application four or more occurrences of a linked field were shown, the 4th occurrence would become invisible after closing a zoom-screen.
AFW-6	An incorrect "Error reading Location.inf, error 172" could appear when starting an application.
AFW-4	Deleting a record could fail on an incorrect SQL index table update query for a numerical field.