

AbaClient●

Reference

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AbaClient	3
1. AbaClient	3
2. AbaClient Standard and AbaClient Manager	4
3. AbaClient settings	8
4. Start Abacus	13
5. Useful information	15

AbaClient	3
1. AbaClient	3
1.1 General Information	3
1.2 Supported Abacus versions	3
1.3 AbaClient as 32-bit Version	3
1.4 Proprietary file format "abalink"	3
2. AbaClient Standard and AbaClient Manager	4
2.1 Standard	4
2.2 Complete	4
3. AbaClient settings	8
3.1 Settings	9
4. Start Abacus	13
4.1 Start via AbaClient Manager / web browser	13
4.2 Starting via a desktop shortcut	14
5. Useful information	15
5.1 Start .abalink files automatically	15
5.2 Beta Channel	16

AbaClient

1. AbaClient

1.1 General Information

AbaClient was developed to enable the start of the Abacus ULC application. We recommend using a web browser to access the various web portals.

1.2 Supported Abacus versions

Starting with **AbaClient Version 4.0**, only **Abacus Versions from 2021** will be supported.

From **Abacus Version 2026**, the use of **AbaClient version 4.0** or higher is mandatory.

For older Abacus versions, a correspondingly older AbaClient version must be used.

1.3 AbaClient as 32-bit Version

From Version 4.0, the AbaClient is only available as a 64-bit version. A 32-bit version is no longer offered.

1.4 Proprietary file format "abalink"

AbaClient works with the "abalink" format introduced by Abacus.

After installation, the AbaClient is automatically registered as the default application for opening "abalink" files, which are downloaded via the web browser when you log in.

2. AbaClient Standard and AbaClient Manager

There are two options available when installing AbaClient:

- Standard - Installs the components required for operation.
- Complete - Installs all available components of the AbaClient.

The recommended variant depends on the respective system environment and the required functions.

2.1 Standard

In the standard version of AbaClient, only the AbaClient, which enables the opening of .abalink files, and the AbaClient settings are installed.

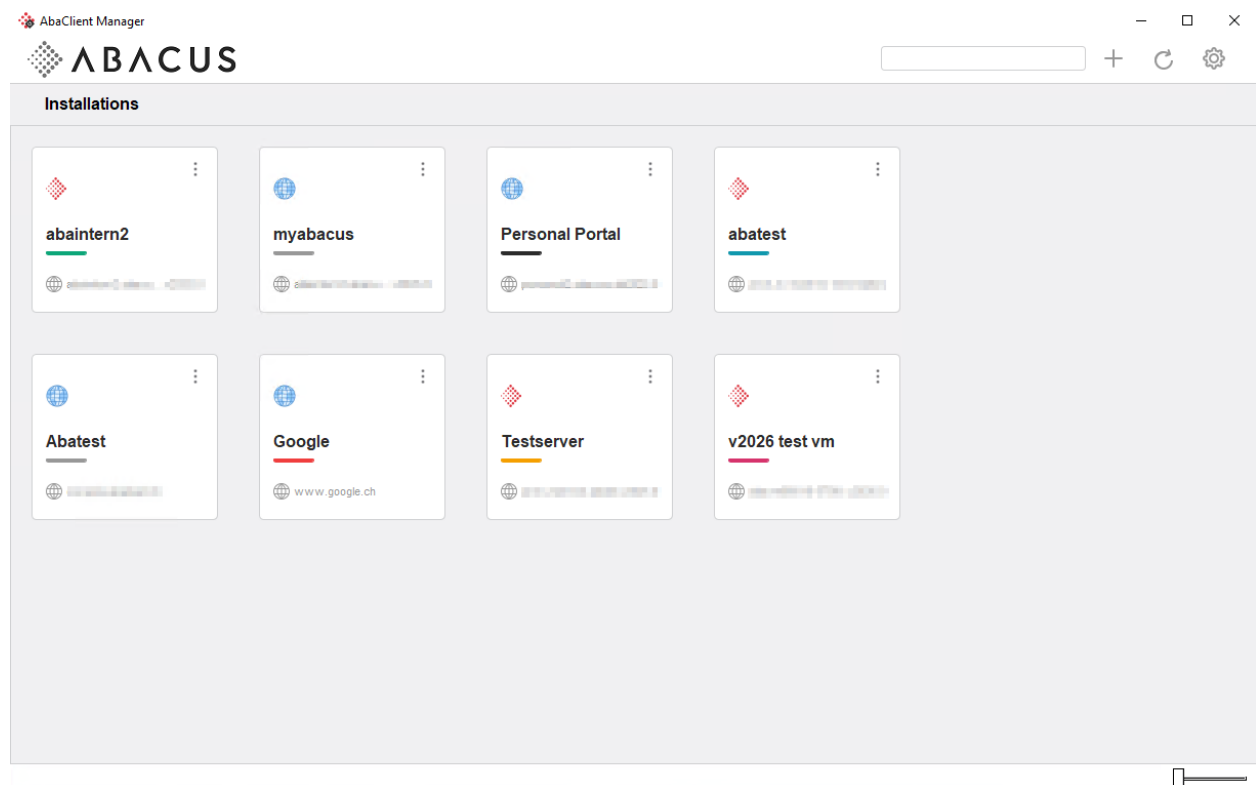
2.2 Complete

With the "Complete" installation type, the AbaClient Manager is also installed.

The AbaClient Manager offers a graphical user interface and is used in particular in environments in which several Abacus installations have to be managed.

Any number of Abacus installations can be added in the Manager. These are displayed as tiles and enable a clear overview.

In addition to installations, URLs or groups can also be added.



AbaClient Manager mask

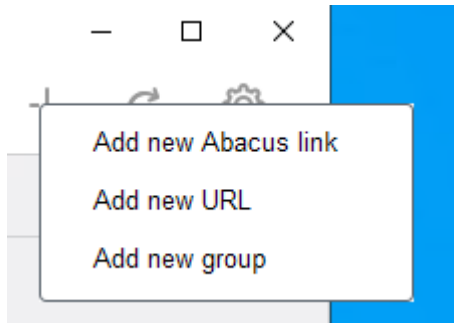
2.2.1 Abacus link

AbaClient Manager offers the possibility to create shortcuts for several Abacus installations. Each link can be assigned an individual name.

To set up a link, the correct URL and the appropriate port are required to establish a connection with the corresponding Abacus server.

In addition, each link can be assigned a colour and an icon or logo to make it easier to distinguish the tiles in the AbaClient Manager.

Shortcuts are the standard access and lead the user directly to the login of the respective Abacus installation.



Another possibility is to right-click in the empty area of the AbaClient Manager and then create a new shortcut via the context menu.

2.2.2 URL

The AbaClient Manager offers the option of creating a URL tile. This type of tile was developed for customers who want to direct their users to the Abacus start page first, for example in cases where the start page has been customised to the customer's wishes. The Abacus ULC programmes are then started by clicking the "Start" button on the start page.

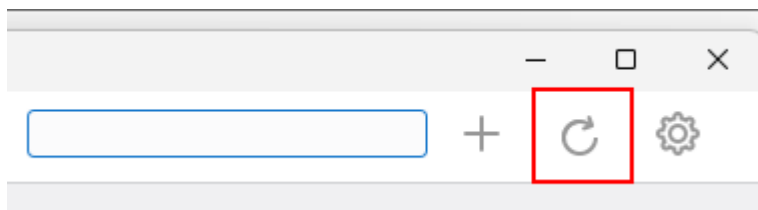


Note: The possibility to create tiles with URL's was created to link to the Abacus homepage.

URL tiles have been developed for use with Abacus ULC applications. It is not supported for use for pure surfing.

2.2.3 Update

The button "Update" triggers a refresh, which updates and checks the shortcuts/groups as well as the Java cache.

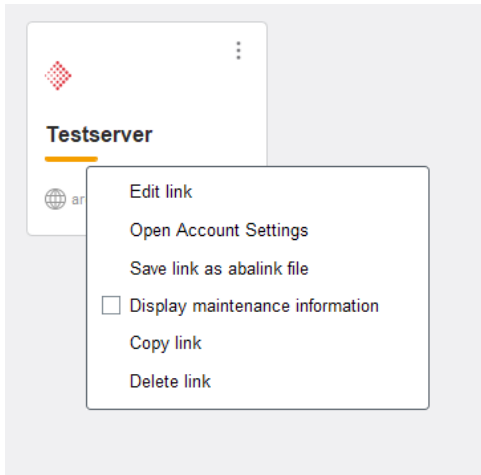


2.2.4 Search

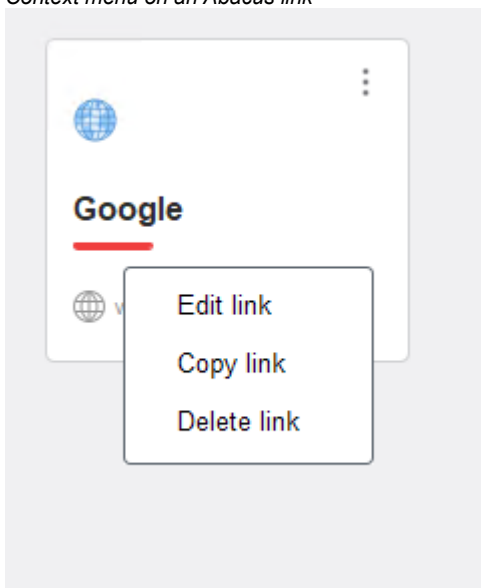
The AbaClient Manager has a search function. With many links and groups, it can be advantageous to simply search for a term and present the user with the corresponding search results. This may speed up access to a particular link.

2.2.5 Context menu on a tile in the AbaClient Manager

The context menu can be opened on a tile by right-clicking.



Context menu on an Abacus link



Context menu on a URL tile

2.2.5.1 Edit link

An existing link can be edited here. The same dialogue box appears as when creating a new link.

2.2.5.2 Open Account Settings

Every Abacus user has their own user account. The user account can be accessed in the browser via the URL. The call is identical to the call for the index page of the Abacus server, i.e. <https://servername:port>, except that /account is added to the URL for the account settings.



Example: <https://testserver.abacus.ch/account>

If this menu item is selected via the context menu, the user account is opened via the web browser.

If only AbaClient (not Manager) is installed, the user account can also be opened. All you have to do is create an "abalink" file for the respective server on /account and this will open the user account.

Alternatively, the account settings can also be accessed without AbaClient Manager via <https://testserver.abacus.ch/account>.

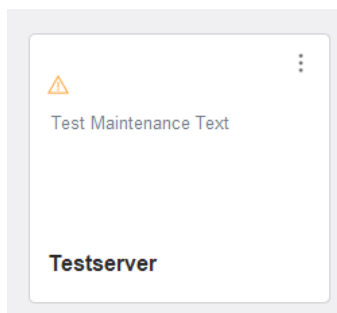
2.2.5.3 Save link as "abalink" file

Another option is to create an "abalink" file, in this case from the selected tile. The details of the link are transferred and the "abalink" file can be saved directly.

2.2.5.4 Show maintenance information

The Abacus administrator can store maintenance information via the Service Manager. For example, to inform users that the system will not be available at a certain time.

This maintenance information can also be displayed on a tile in the AbaClient Manager.



3. AbaClient settings

The AbaClient settings can be opened in two ways:

- About the AbaClient Manager
The settings can be called up directly in the AbaClient Manager via the menu.
- Via the separate programme "AbaClient Settings"
This programme can be started via the Windows search or the Mac Finder.

Both variants lead to the same settings window.

The settings of AbaClient are written into the Windows registry. This has the advantage that a group policy can be rolled out retrospectively during software distribution, which can both predefine the settings and lock them for users.

AbaClient Einstellungen Version intern: 4.1 Build 1137

UPDATE

Automatisch nach Updates suchen ☒

Beta Channel ☐

Suche nach neuen Updates für AbaClient Nach Updates suchen

ALLGEMEIN

Logfiles löschen nach Tagen

Jar Cache löschen nach Tagen

abacus.abalink Datei löschen ☒

SICHERHEITSEINSTELLUNGEN

Unbekannte Abacus Installationen sperren ☐

Liste bekannter Abacus Installationen Liste bearbeiten

VERBINDUNGSEINSTELLUNGEN / PROXY

Verbindungseinstellungen / Proxy bearbeiten

JAVA EINSTELLUNGEN (OPENJDK 21.0.8 (AMD64) / 17.0.17 / 11.0.27)

Java Konsole anzeigen ☐

Java Konsole in Datei loggen ☒

Cache löschen Löschen

ABALINK-DATEI

abalink-Datei erstellen für Direktaufruf Erstellen

IMPORT / EXPORT

Einstellungen importieren Import

Einstellungen exportieren Export

Speichern Abbrechen

How the settings can be locked and what is possible is described in the following KB article: [KB-7634](#)

3.1 Settings

3.1.1 Automatic update

The automatic update flag, or the check to see if an update is available, differs depending on whether it is AbaClient or AbaClient Manager.

The check for new updates is performed every 14 days and is identical for both AbaClient and AbaClient Manager.

AbaClient

The update check is performed after starting an Abacus-ULC application. This ensures that the update does not delay the start of Abacus.

If an update is found, a corresponding message is displayed the next time AbaClient is started.

AbaClient Manager

The update check is performed as soon as the AbaClient-Manager process has been started completely. This ensures that the update does not interfere with the work in the AbaClient-Manager.

If an update is available, this is indicated directly to the user. The user then has the choice to install the update directly or to do this at a later time.

3.1.2 Deactivate automatic updates

In the AbaClient settings, the automatic update flag is set by default.

However, this can be deactivated at any time by removing this setting and saving the settings again.

If AbaClient is rolled out via software distribution and the settings in the registry are distributed via group policy, this setting can also be set globally.

3.1.3 Beta Channel

The AbaClient beta channel is available to every user. These beta versions are tested beforehand and only enter the beta channel when the basic tests have been successfully passed.

Despite the basic tests that have been carried out, these are open beta versions. In these open beta versions, individual functions may not yet be implemented. In addition, with such versions there is still a residual risk of malfunction during use.

3.1.4 Search by new updates

This is the manual search for updates. This can be started at any time and checks whether a newer version of AbaClient is available.

3.1.5 Delete log files after

AbaClient creates logfiles. These can be found under C:\Users\username\.abacus\abaclient.

The oldest log files are deleted every 30 days. The value can be adjusted.

3.1.6 Delete Jar Cache after

Log files and the jar cache can be deleted independently of each other.

This allows you to specify whether only the log files or also cached jar files should be removed. This makes maintenance easier and prevents unnecessary data deletion.

3.1.7 Delete Abacus .abalink file

If this setting is not active, the .abalink file downloaded when the connection is established remains in the downloads directory.

3.1.8 AbaClient Manager links

The AbaClient Manager links are saved in a JSON file. The JSON file is saved under C:\Users\username\.abacus\abaclient under the name "abaclientmanager.json".

Using these settings, it is possible to simply transfer another abaclientmanager.json and thus the links to another AbaClient Manager installation.

3.1.9 Block unknown Abacus installations

If this flag is active, it is not possible to establish a connection to unknown installations. The unknown installations can be configured under "List of known Abacus installations".

3.1.10 Edit connection settings / proxy

These settings can be used to configure a proxy server in the following ways:

- Direct connection
Connection without proxy
- System
Connection is established with the proxy settings of the OS
- Manually configure
Configure proxy manually via address, port and, if necessary, login data
- Automatic proxy configuration address
Use of a PAC file via the corresponding PAC URL

Connection settings / proxy

☒ Direct connection
☐ System
☐ Manually configure
☐ Automatic proxy configuration address

Test

Server
 Port
 User name
 Password
 Exception list
 PAC Url

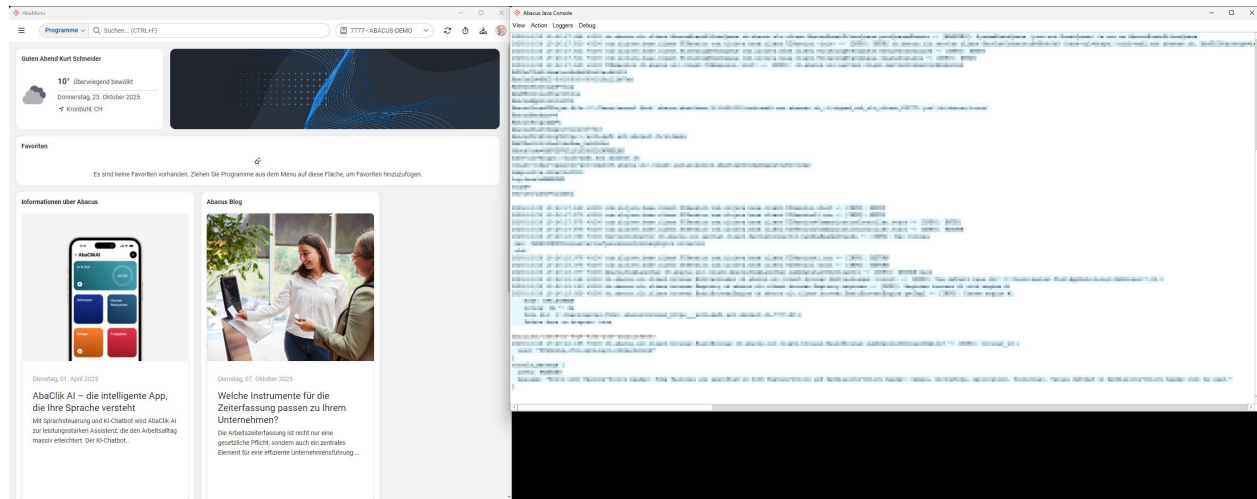
Save Cancel

3.1.12 Display Java console

If the Java console is activated, an additional window opens when Abacus is started, displaying the console.

The Java console provides detailed information about the start process and the running programmes. It is a useful tool for analysis and troubleshooting, especially in the event of technical problems or unexpected behaviour.

Even if access to the AbaClient settings is restricted by a group policy, the user can activate the Java console.



3.1.13 Log Java console to file

The content of the Java console is saved by default under C:\Users\username\.abacus\abaclient\abacus.log.N.

3.1.14 Delete cache

After executing "Delete cache", the entire cache is deleted.

If a group policy prohibits the user from accessing the settings, the user still has the option of deleting the cache.

3.1.15 Create "Abalink" file

One of the biggest advantages of "abalink" files is that they can be placed on the desktop or quick launch bar when Abacus is started.

As a result, the user can start Abacus directly via a desktop icon or an icon in the quick start bar and thus lands directly at the login page. With Single-Sign-On, the user is even logged in directly, i.e. without having to enter a user name and password beforehand.

It is also possible to start a programme directly within an application using "abalink" files.



Note: Even when starting Abacus via a created shortcut on the desktop, the web browser starts and the abalink file is downloaded for the start.



Note: Details on the start parameters can be found in [KB-8156](#).

3.1.16 Import settings and links

The settings can be imported separately from the links.

3.1.17 Export settings and links

AbaClient settings can be exported. In addition to the settings, the AbaClient Manager shortcuts can also be exported separately.

3.1.18 LogFiles



Information: The AbaClient log files are stored in the following directory by default:

C:\Users\<USER>\.abacus\abaclient

4. Start Abacus

4.1 Start via AbaClient Manager / web browser

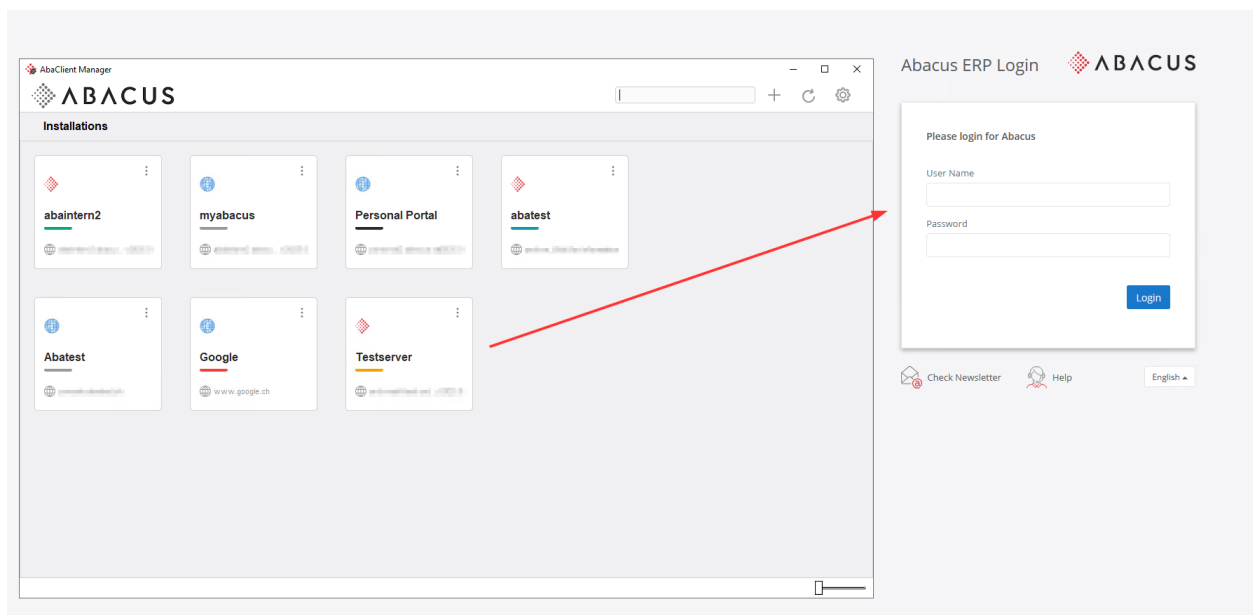
Abacus is started or the connection is established either by clicking on the defined tile in the AbaClient Manager, which starts the web browser, or by manually entering the service URL in a web browser.



Example service URL: <https://testserver.abacus.ch>

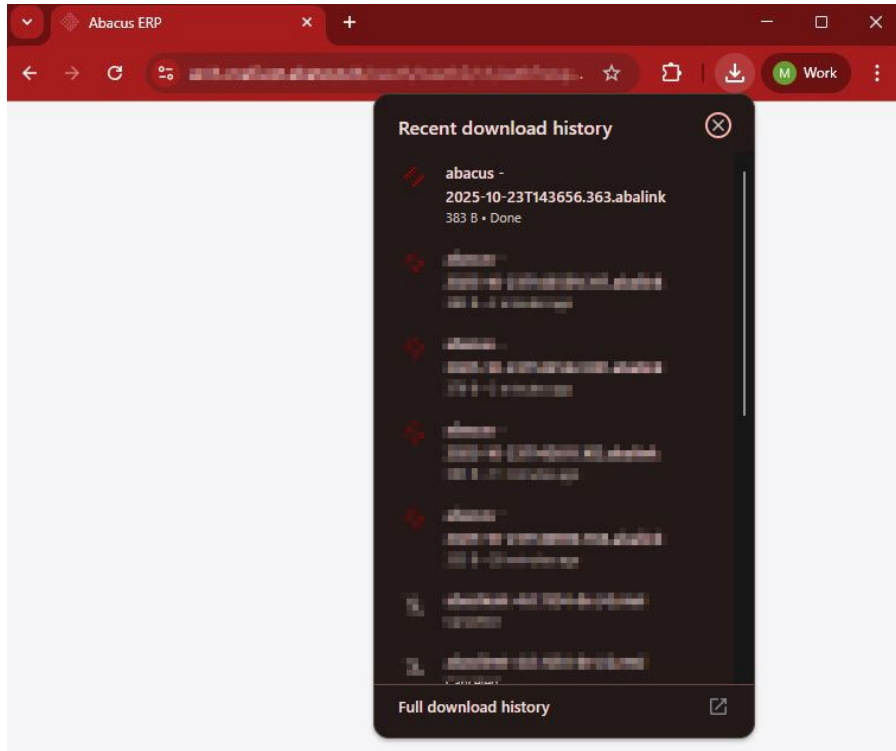


Note: Establishing a connection via the AbaClient internal browser is no longer possible from AbaClient version 4.0.



Abacus ERP login screen in the web browser

After successfully entering the login data, the corresponding .abalink file is downloaded. Executing this file starts Abacus with the AbaClient.



Download of the .abalink file after successful login data entry

4.2 Starting via a desktop shortcut

For many users, using a desktop shortcut is the easiest way to start an application. Such a shortcut can also be easily integrated into the quick launch bar, which further simplifies access to the application.

AbaClient also allows you to use desktop shortcuts to start Abacus.

To do this, an "abalink" file must be created which contains the connection information to the Abacus server. How such a file can be easily generated is described in the course of this document.

The generated "abalink" file can then be stored directly on the desktop of one or more clients. If the file is executed, the AbaClient starts automatically and displays the login dialogue to the user.

For installations with single sign-on (SSO), the application is started directly - without entering a user name and password.

If the same "abalink" file is to be used on several clients within a network, it can of course be distributed to all corresponding workstations.

5. Useful information

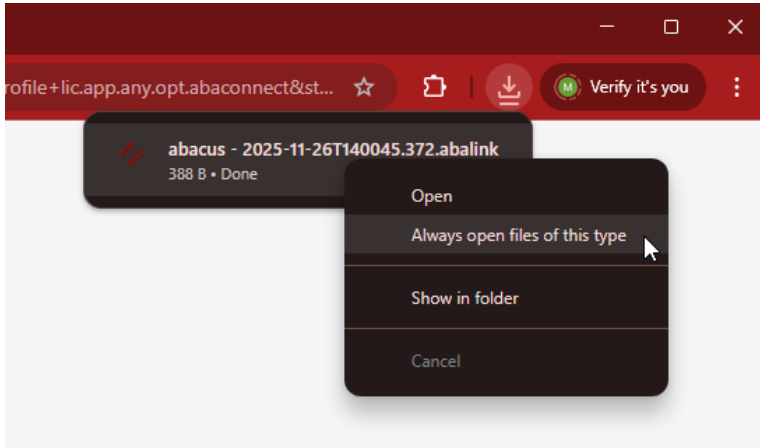
5.1 Start .abalink files automatically

To open .abalink files automatically with the AbaClient, the download must be started once.



Example: Google Chrome - Version 142.0.7444.176

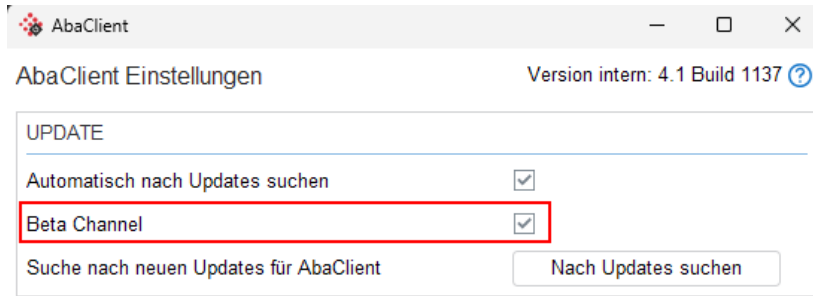
The corresponding option can be selected by right-clicking on the downloaded entry.



Note: This setting can be configured in the same way in most common browsers.

5.2 Beta Channel

To benefit from the latest developments at all times, we recommend activating the beta channel in the AbaClient settings.



Note: Although beta versions are also tested as best as possible by Abacus, errors cannot be completely excluded.

The beta programme is intended for anyone who would like to use the latest version of AbaClient and report any bugs to Abacus. If you find any errors, you can report them to technischersupport@abacus.ch.

To revert to an officially released and supported version of AbaClient, you can uninstall AbaClient and download the desired version from

<https://downloads.abacus.ch/downloads/abaclient>