IMPORTANT information:
This installation guide is valid for **Notation Software version 5 and onwards.**
(For upgrading version 3 to version 4 or 5 please see useful information in Appendix A9.
For the Mac Installation Guides for version 3, 4 please see at Appendix A10.)

Configuration of a Mac PC for Notation Software Products with Wine

1. Overview

The concept of Notation Software for Mac PCs is based on Wine. Wine is an open source software package to adapt Windows programs to multiple POSIX-compliant operating systems. Wine has been developed by more than 1000 people over more than 25 years and is still being actively driven by the WineHQ open source development community (https://www.winehq.org/)

Wine is for free. (For the license please see https://wiki.winehq.org/Licensing)

Since we offer our software on Mac and Linux we at Notation Software actively support Wine in testing early development packages of Wine with our software on Mac and Linux and actively notifying the community about anomalies and issues. We do that up to one year in advance before we release the package to our customers.

We have certified our software with a special Wine version which can be downloaded from our website. Our Wine package offers a very convenient way to install the software but the core is the open source Wine package.

The Wine package from our website for Notation Software products works on:

macOS Tahoe, Sequoia, Sonoma, Ventura, Monterey, Big Sur, Catalina

The installation of Wine and our software on a Mac consists of 2 major steps:

- WineHQ installation – to be done once
- Installation of Notation Software (or update a version)

The installation steps are described below in very detail step by step. However, dependant on the OS version or the user configuration the steps may vary a little.

The overall installation process will take a couple of minutes dependant on the particular Mac PC and the user’s experience. People with Mac knowledge can move along very quickly.

It is recommended not to print out this file on paper in order to save the environment. Displaying the file in PDF format is sufficient.

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2. Only for Mac PCs with Apple M-Chips (Apple Silicon) – Installation of Rosetta 2

If your Mac PC is equipped with one of the Apple M-chips (also called Apple silicon), you will be prompted to install Rosetta 2 if it is not already installed. If you don't see the prompts for Rosetta 2 then it is already installed and you can proceed with the next steps.

For more information on Rosetta 2 installation please see
https://support.apple.com/en-us/HT211861

3. Installation Videos

We have created videos which show the required installation steps of Wine and how to install Notation Software.

From macOS Sequoia onwards Apple requires a different installation scenario for Wine compared to previous macOS versions. Please check what macOS you use and watch the according video. You can check your macOS version as shown here
https://support.apple.com/en-us/HT201260

3.1 Installation Video – Version 5 for macOS Sonoma, Ventura, Monterey, Big Sur, Catalina

For the installation video see

https://www.notation.com/Tutorial%20Videos/MAC_Installation_4/Mac_Installation_4.mp4

(This video was recorded on a macOS Monterey with Apple M1 - German language version. There is no audio in this video.)

3.2 Installation Video - Version 5 for macOS Tahoe, Sequoia

For the installation video see

https://www.notation.com/Tutorial%20Videos/MAC_Installation_5/Mac_Installation_5.mp4

(This video was recorded on a macOS Sequoia with Apple M1. There is no audio in this video.)

4 Installation of WineHQ

4.1 Downloading WineHQ

Download the latest certified Wine package from the link below.

https://www.notation.com/Wine_Intel_M.dmg

using the Safari browser.

The downloaded file comes with the latest certified version number of Wine like Wine_x.dmg. The file will be saved in

Users/[Name]/Downloads/Wine_x.dmg

where x is the latest certified Wine version with Notation Software based on the above macOS versions.

Double-click on Users/[Name]/Downloads/Wine_x.dmg and Wine_x.dmg appears on your desktop.

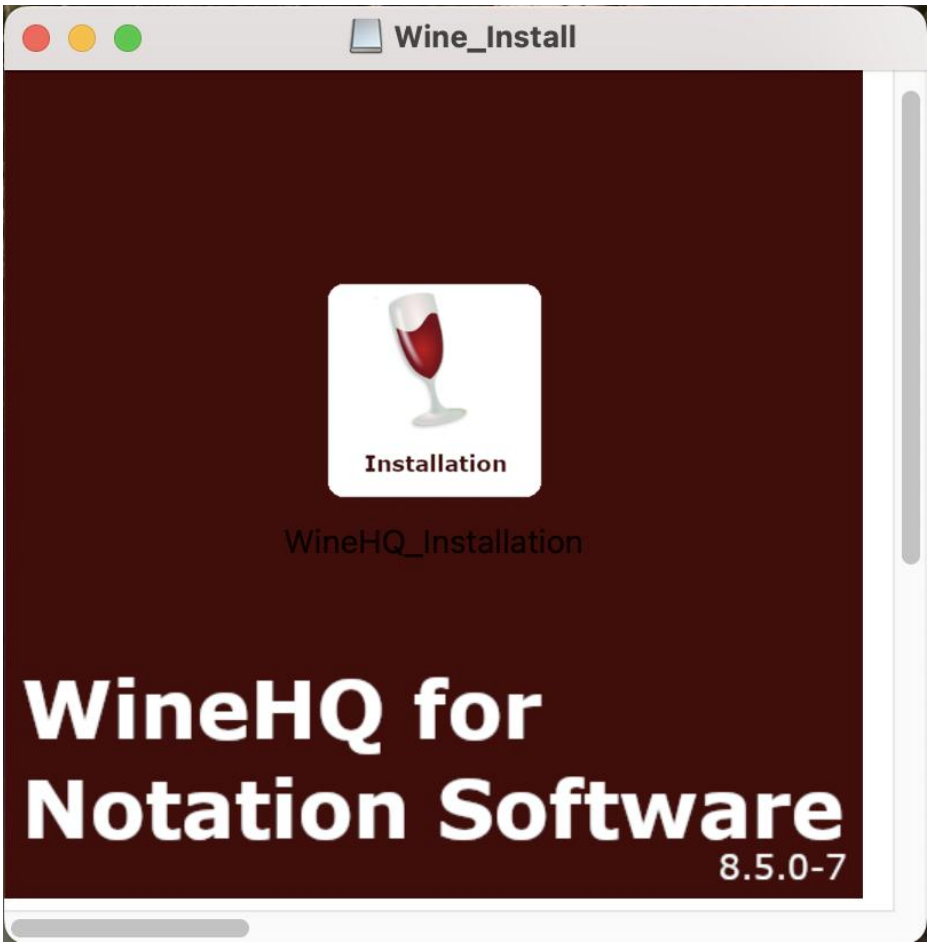
 All rights reserved

If in any case macOS asks to allow Notifications, Allow them

4.2 Installing WineHQ - Version 5 for macOS Sonoma, Ventura, Monterey, Big Sur, Catalina

Installing WineHQ in step 4.2 can take up to 5 minutes dependant on the performance of your Mac. Please be patient and do not break the installation process.

If the window below does not open automatically, double-Click on Wine_x.dmg on your desktop. The WineHQ installation window below will open.



 All rights reserved

Start installing WineHQ

IMPORTANT - hold down the Ctrl key
and click on the “Installation icon” or

Right click

This dialog opens

(It is very important that you start by holding down the Ctrl key or right click to the Installation icon in order to authenticate the installation)

Proceed by clicking Open

Dependent on your Mac version you will see certain security advices shown below.

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Or on macOS Monterey and higher

(We do not pay fees to Apple to avoid these pop-ups, thus keeping your software cost lower.)

Click Open and Authorize

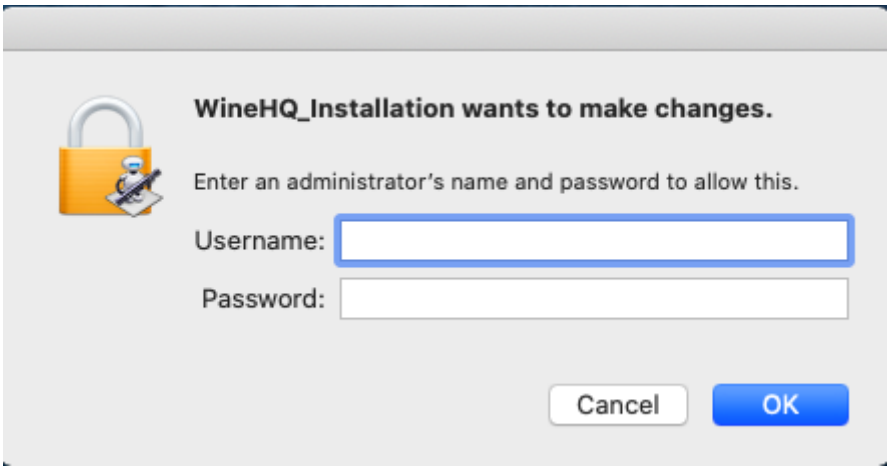
 All rights reserved

After a little while you will see a little wheel circling on the upper bar of your Mac as shown below.

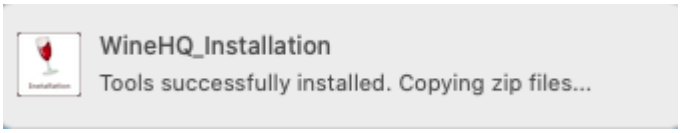
 All rights reserved

This little circling wheel indicates that the installation is proceeding.

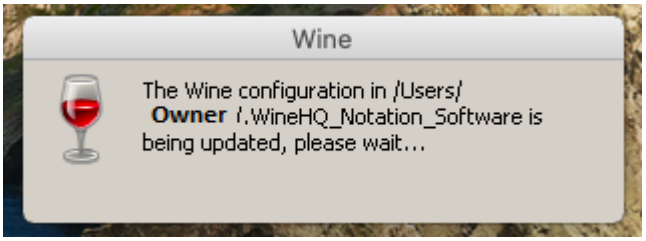
The next step is to let WineHQ_Installation make changes.



During the installation process little pop up messages in the right upper corner indicate the status of the installation like this one



After a minute you will see the Wine configuration window as shown here



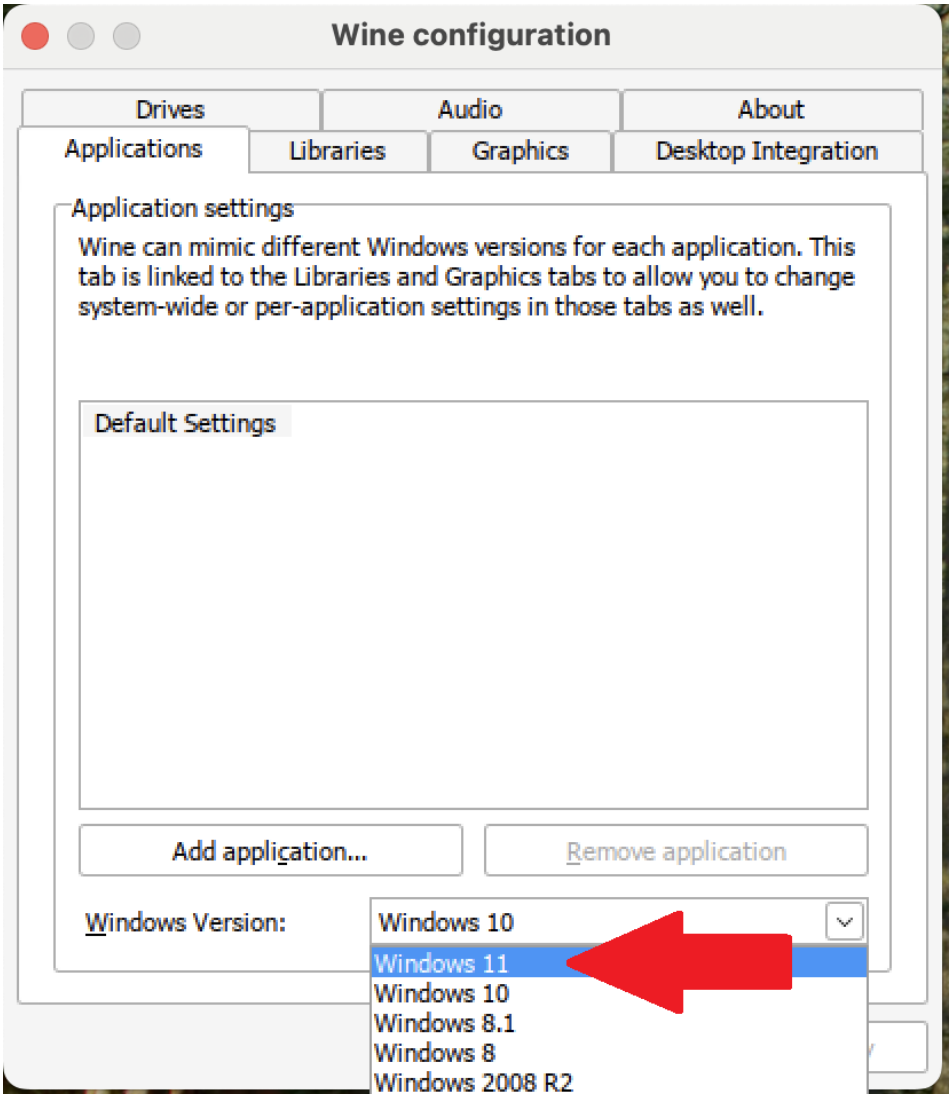
This configuration takes some minutes.

IMPORTANT, do not break it.

At the end of the Wine configuration the “virtual” Windows version needs to be configured, see here

(This tool can also be directly accessed later through the WineHQ_Config.app which is located in
Applications / Utilities e.g. for changing the screen resolution)

All rights reserved

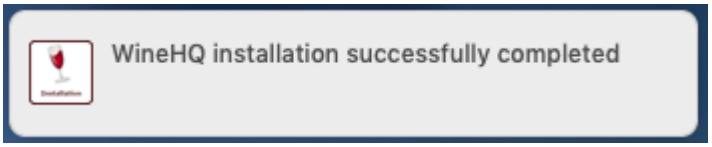


Please select Windows 11.

Click “Apply” and then “OK”.

The little wheel will still turn to complete the WineHQ installation for a few seconds.

When completed you will see the message



popping up in the right corner of your Mac. The turning wheel disappears.

WineHQ is now successfully installed.

All rights reserved

4.3 Installing WineHQ - Version 5 for macOS Tahoe, Sequoia

Installing WineHQ in step 4.3 can take up to 5 minutes dependant on the performance of your Mac. Please be patient and do not break the installation process.

If the window below does not open automatically, double-Click on Wine_x.dmg on your desktop. The WineHQ installation window below will open.

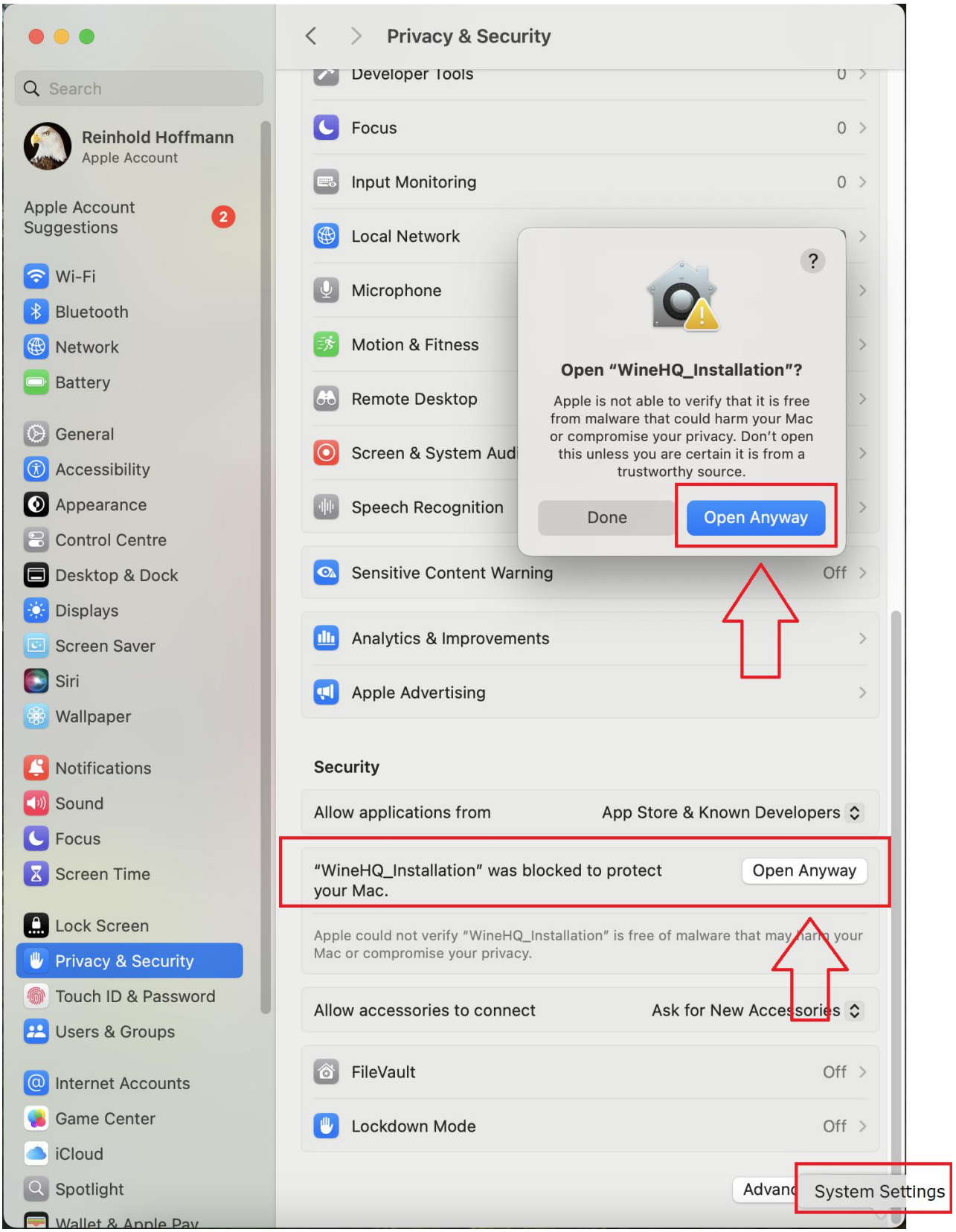
Start installing WineHQ, click “Done”

All rights reserved

In order to enable the WineHQ installation please open

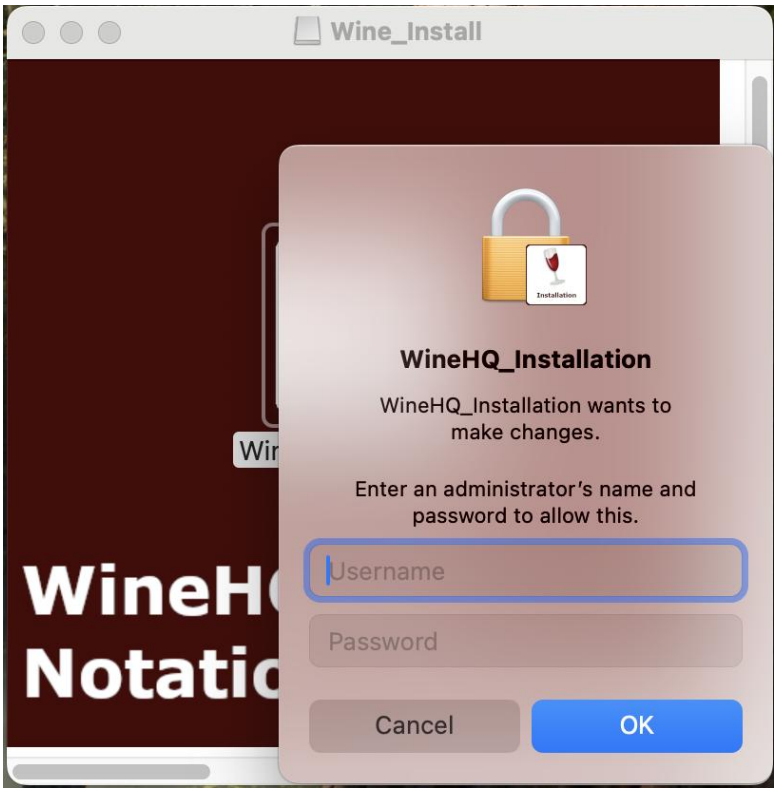
System Settings -> Privacy & Security

WineHQ Open Anyway



 All rights reserved

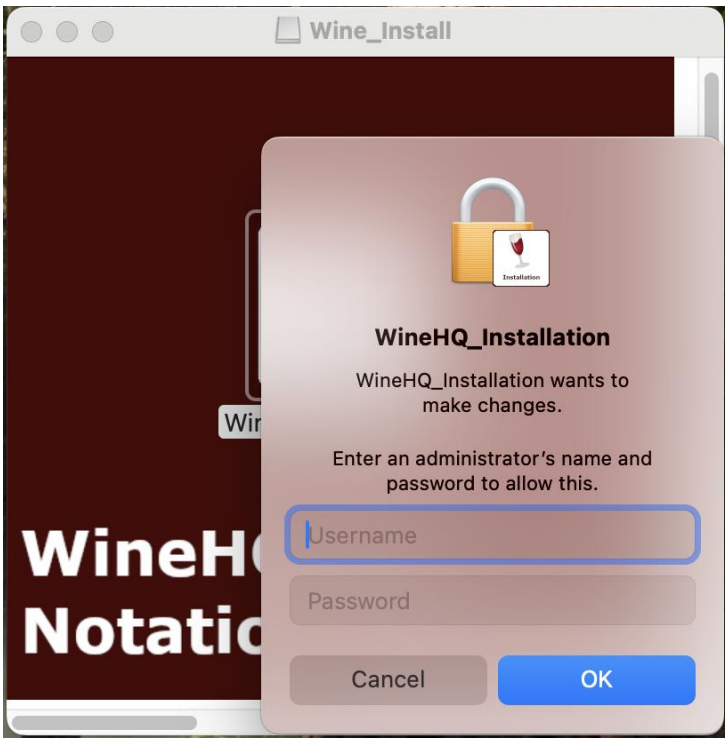
Authorization is required now



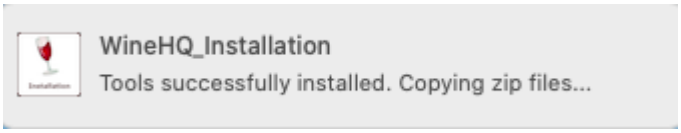
This little circling wheel indicates that the installation is proceeding.

 All rights reserved

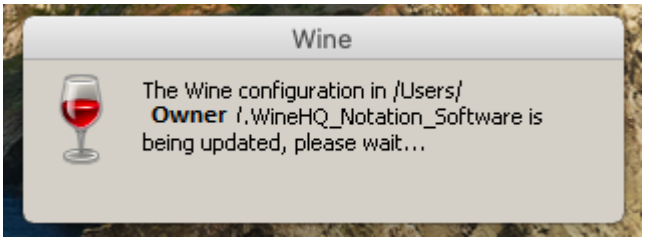
The next step is to let WineHQ_Installation make changes. Autheticate



During the installation process little pop up messages in the right upper corner indicate the status of the installation like this one



After a minute you will see the Wine configuration window as shown here



This configuration takes some minutes.

IMPORTANT, do not break it.

At the end of the Wine configuration the "virtual" Windows version needs to be configured, see here

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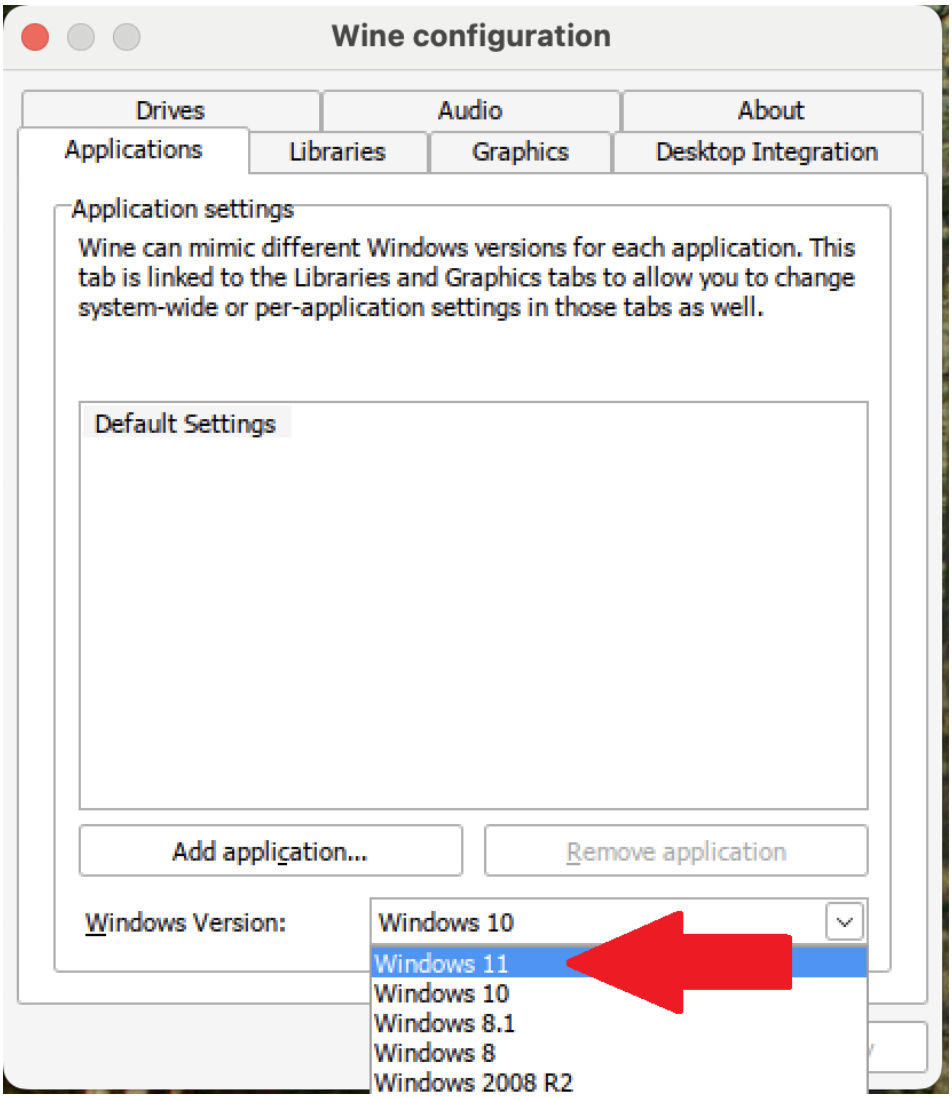
(This tool can also be directly accessed later through the WineHQ_Config.app which is located in
Applications / Utilities e.g. for changing the screen resolution. Please run the tool by “Open Anyway” as indicated above.)

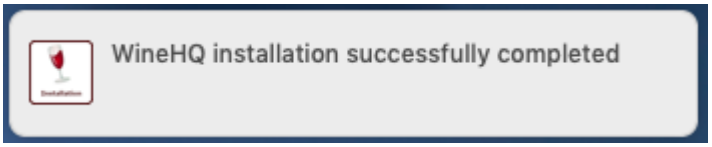


Please select Windows 11.

Click “Apply” and then “OK”.

The little wheel will still turn to complete the WineHQ installation for a few seconds.

When completed you will see the message



popping up in the right corner of your Mac. The turning wheel disappears.

WineHQ is now successfully installed.

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5 Installing Notation Software (Composer, Musician or Player)

Please download the Notation Software installation file now if you have not downloaded it yet. For trial versions, please visit our page at www.notation.com/Download.php
For purchased versions, please see the download link in your download information email.

Notation Software is typically downloaded on a Mac through the Safari browser.
Safari saves the downloaded file in the Downloads folder of the user.

5.1 Installation on macOS Sonoma, Ventura, Monterey, Big Sur, Catalina

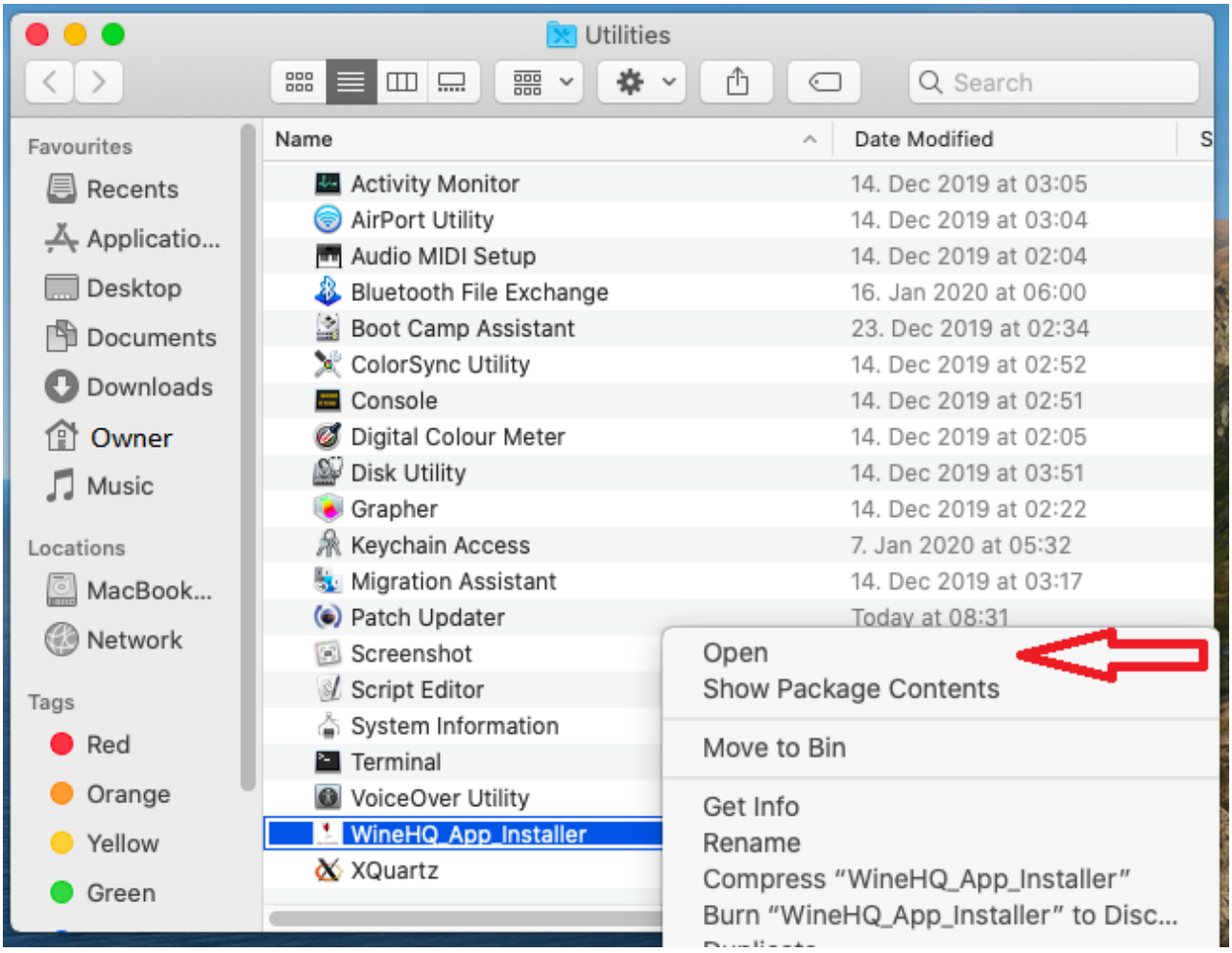
In order to install the downloaded installation file navigate with Finder to

Applications -> Utilities

and start

WineHQ_App_installer.app

IMPORTANT: Hold Crtl button or Right Click



Click "Open".

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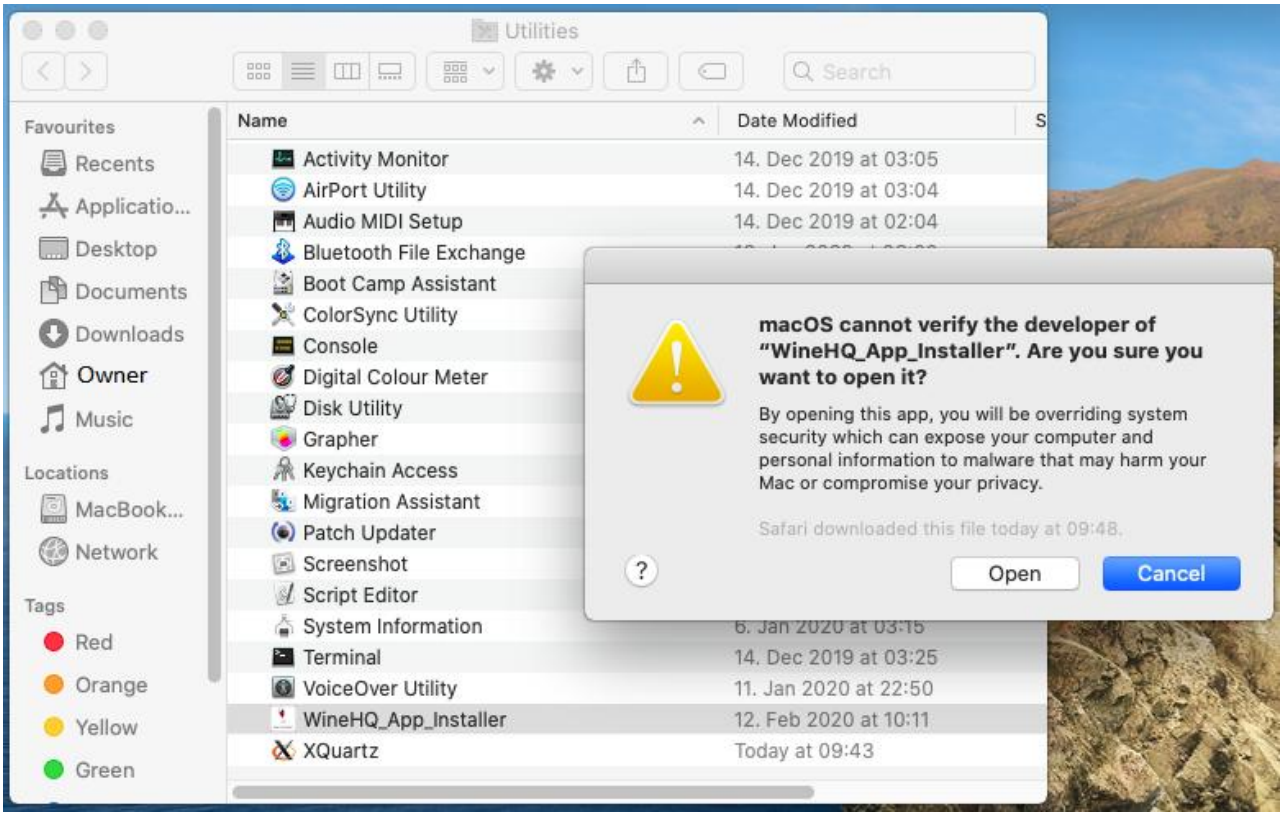
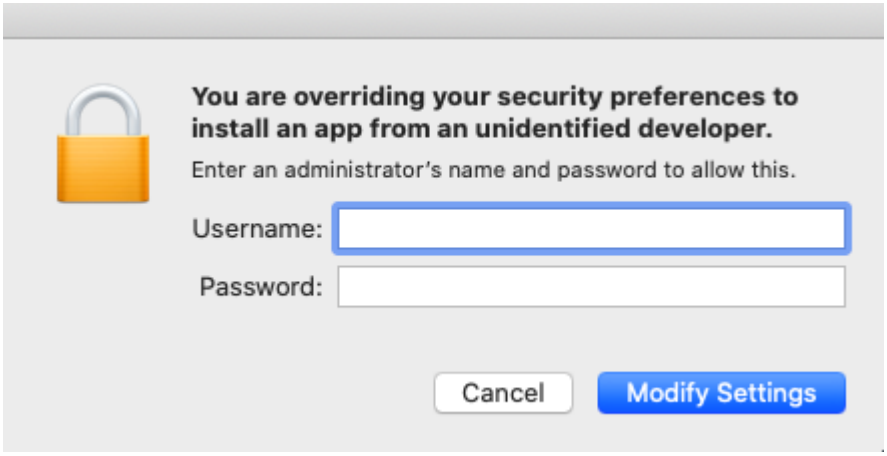
Depending on the OS some other warnings may pop up. See above as for macOS Monterey.

Authorization is required as before



Click “Open”.



After some seconds the turning wheel in the upper bar shows up again and

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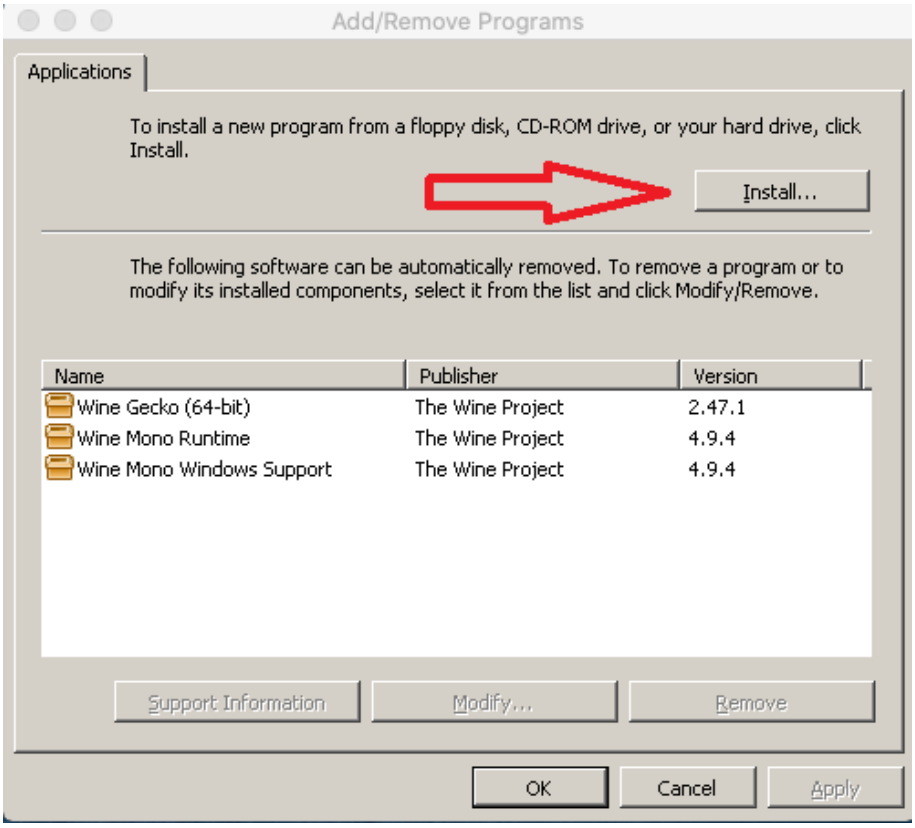
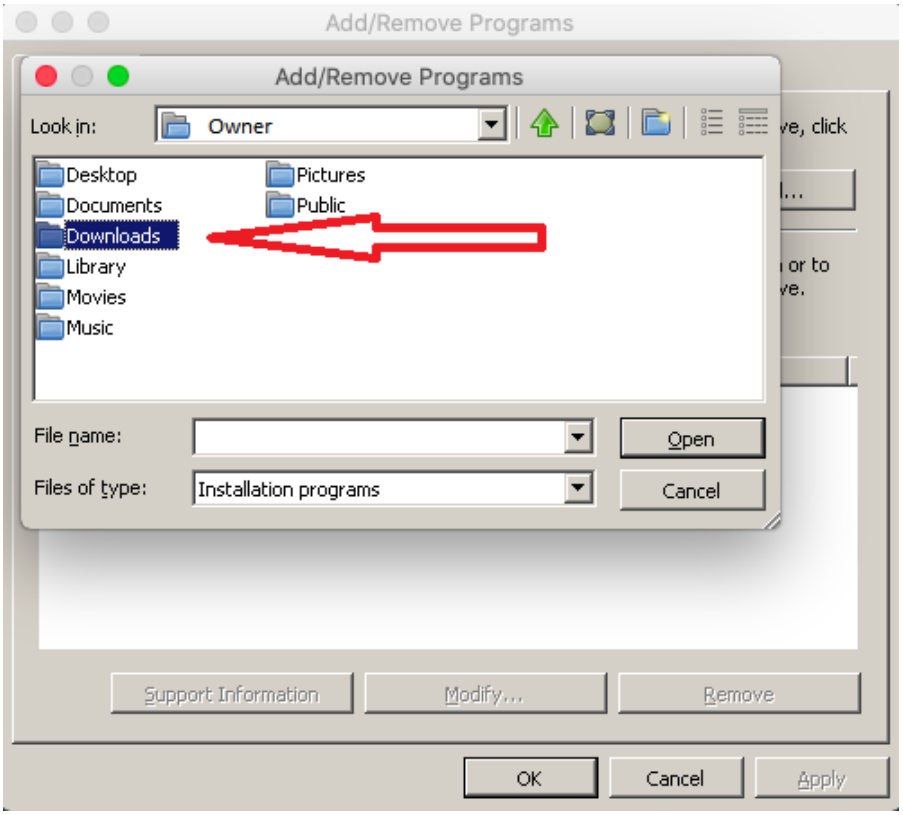
the WineHQ_App_Installer tool pops up. Click on “Install…”



Navigate to Downloads where usually Safari has saved the downloaded installation file.



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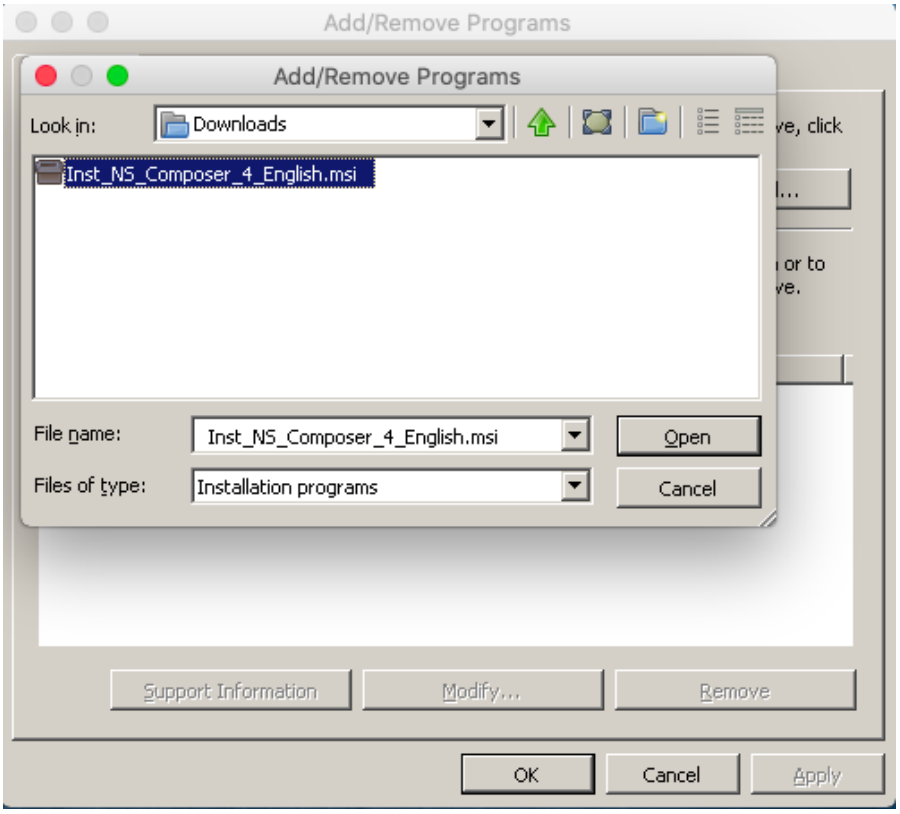
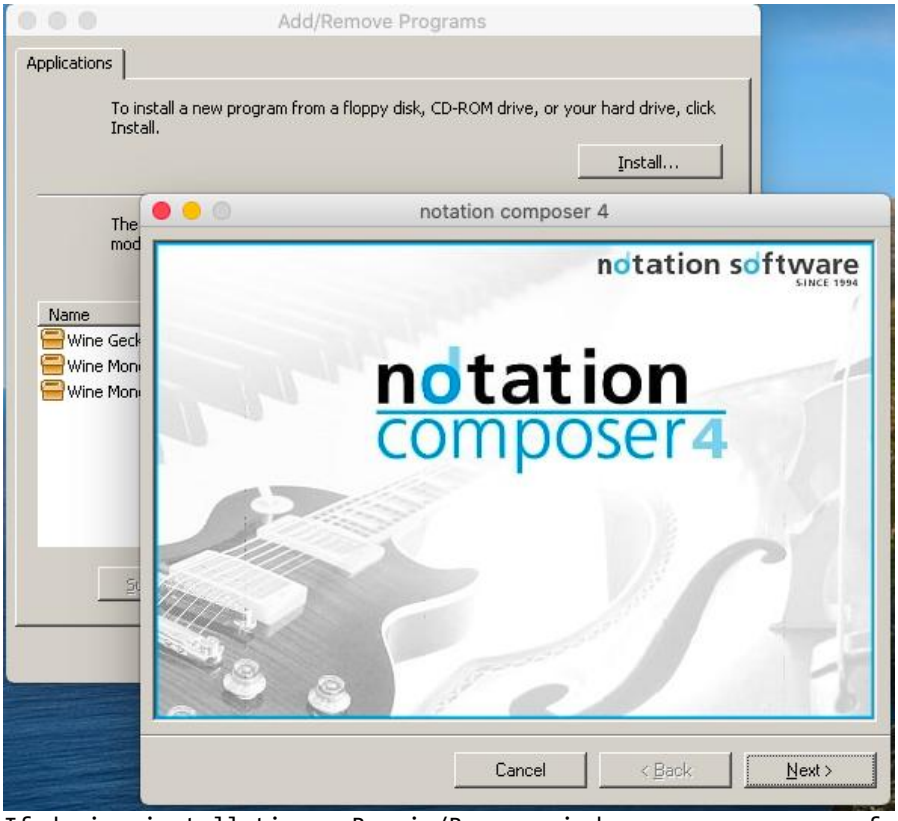
Select the downloaded installation file of Notation Software



and proceed by clicking “Open”.

Now the installation of Notation Software starts.



If during installation a Repair/Remove window may pop up e.g. for de-installing a former version or a trial version, please **always use Remove**, **never** use Repair

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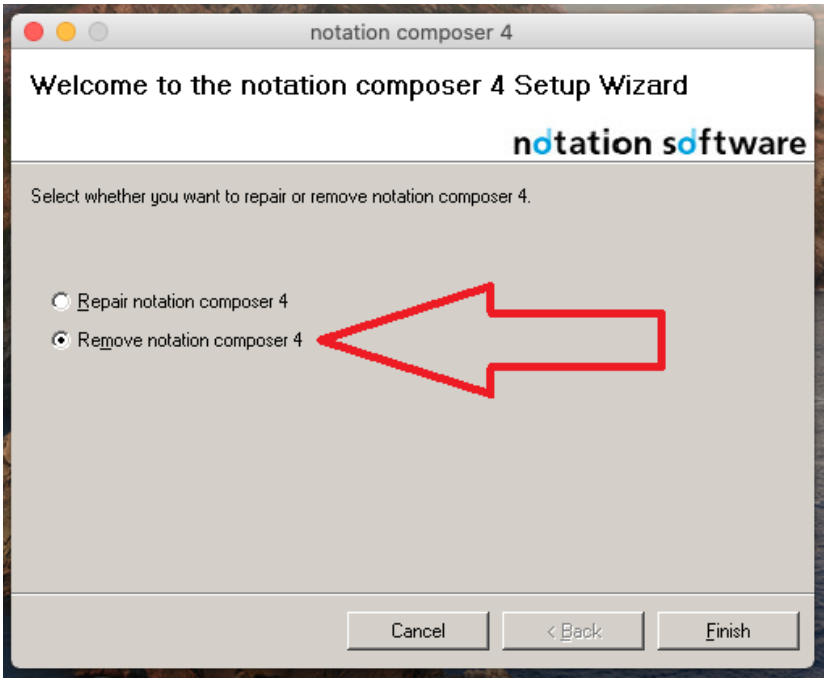
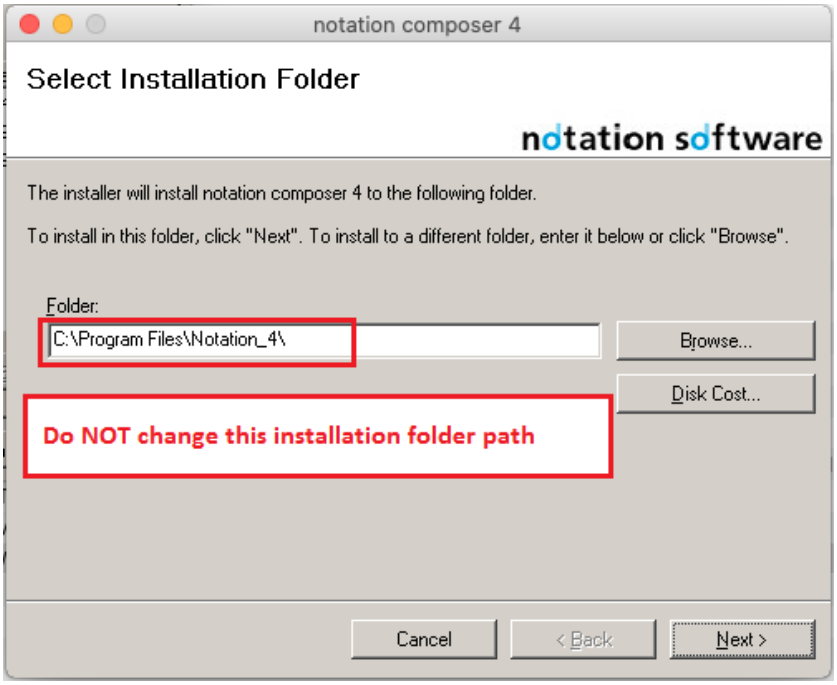


Please follow the installation steps and enter all required data.

IMPORTANT – when installing Composer / Musician /Player
Please do **NOT** change the default program installation folder.



The software uses exactly this path when opening the program.

Please be aware that the WineHQ_App_Installer tool does not update the displayed app window after an installation or an update. But the update has been correctly performed.
(This issue is subject to a correction in Wine).

Complete the installation and close the installation tool.

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5.1.1 The very first Start of the Composer, Musician or Player app

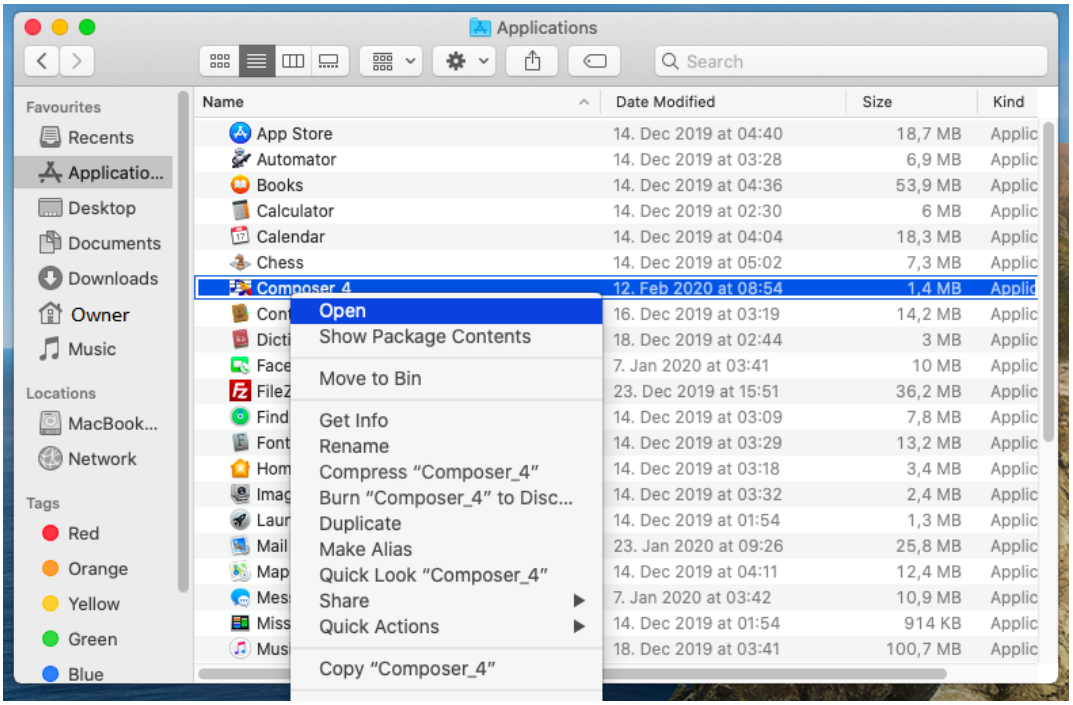
When you start the Composer_5.app the very first time please use exactly the procedure below. For any further sessions simply double-click the file in the Applications folder

IMPORTANT – hold down the Ctrl key

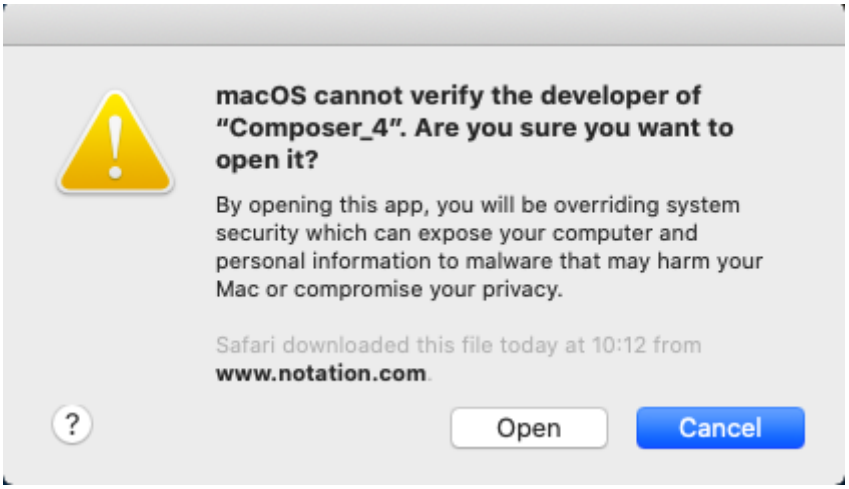
and click on the file “Composer_5.app”. This dialog opens
(It is very important that you start by holding down the Ctrl key and click on the Installation icon)

or

Right click



A final authentication is required to start the software



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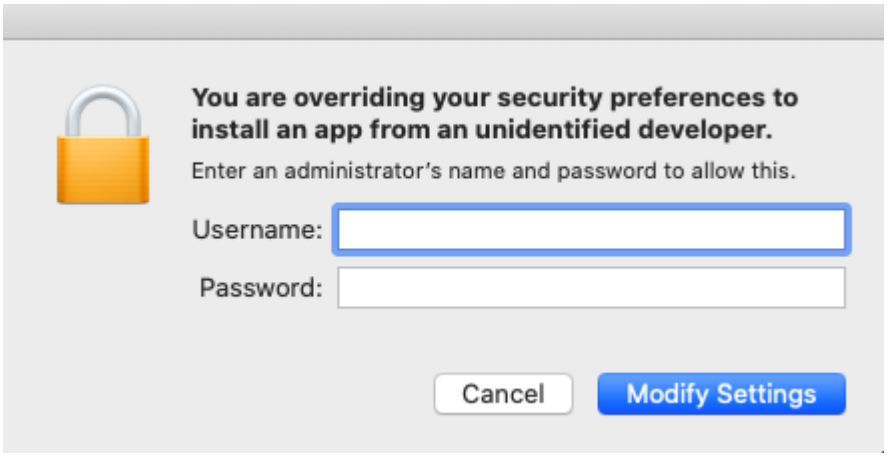
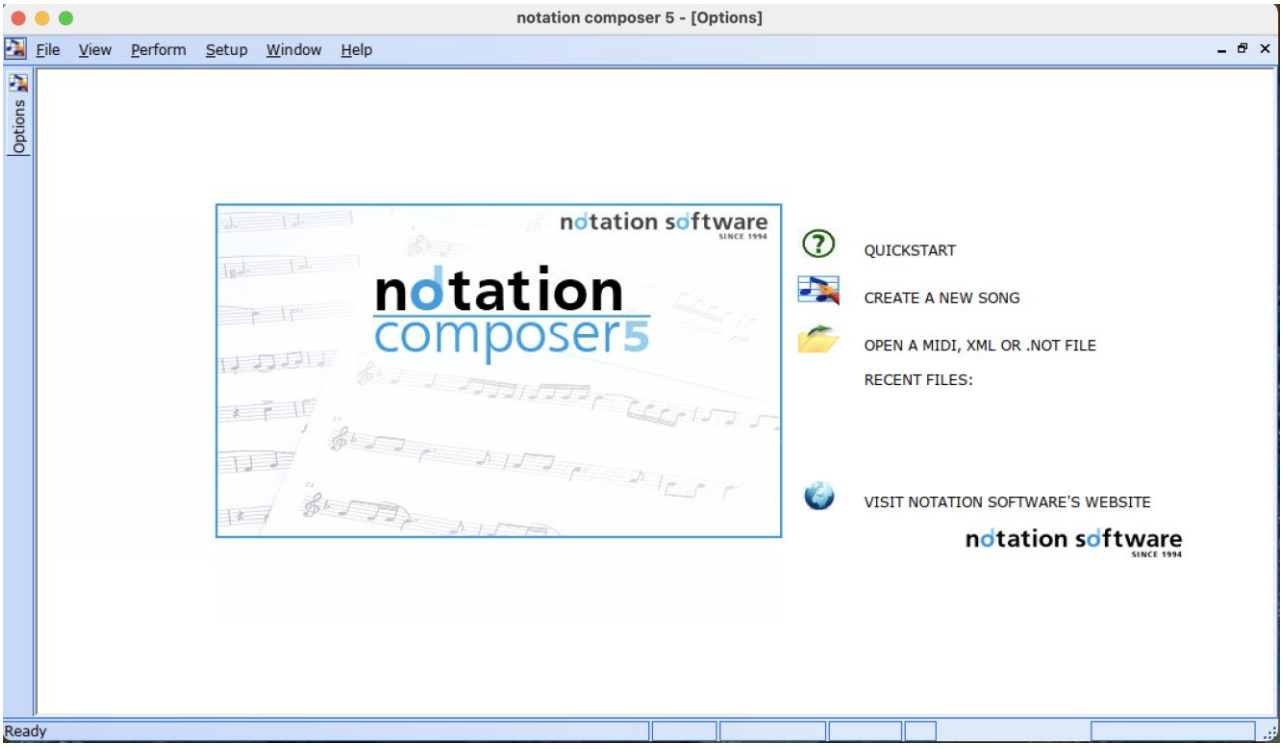


And after a while the turning wheel in the upper bar is circling again and Composer 5 starts



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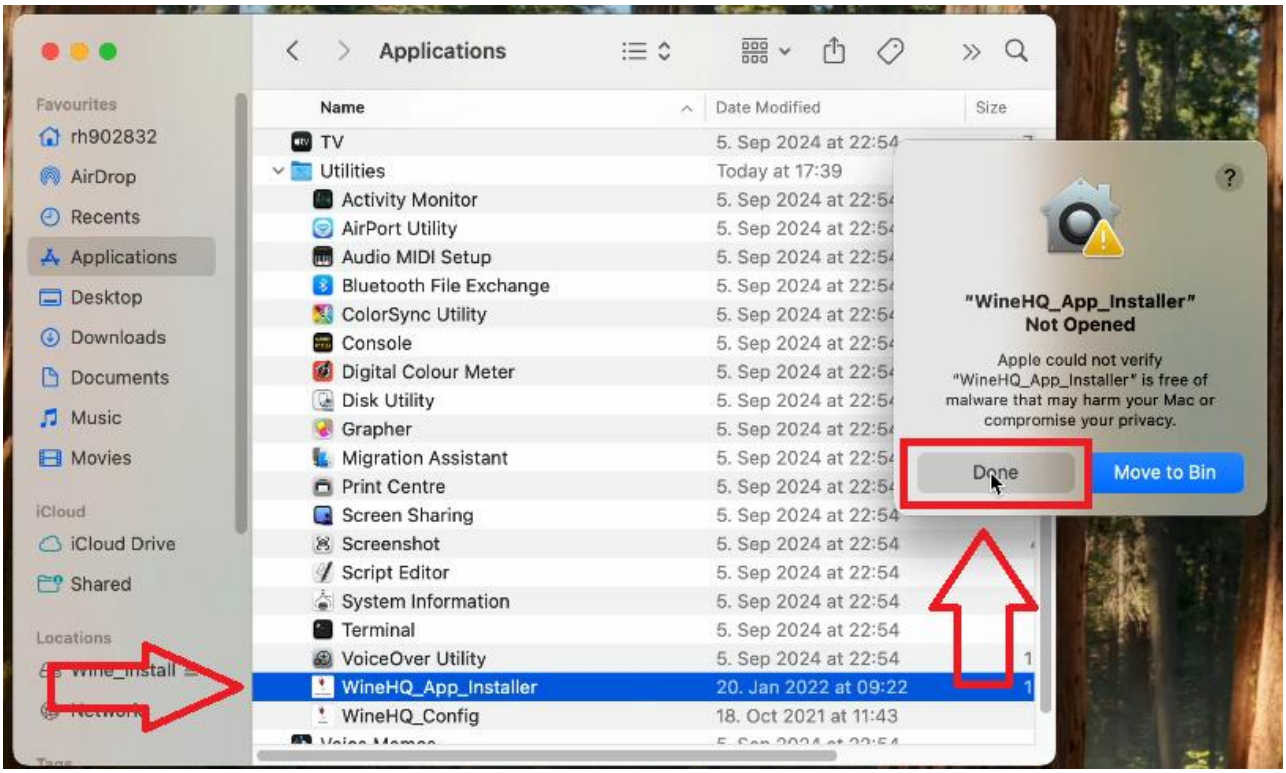
5.2 Installation on macOS Tahoe, Sequoia

In order to install the downloaded installation file navigate with Finder to

Applications -> Utilities

and start

WineHQ_App_installer.app



Click “Done” and open

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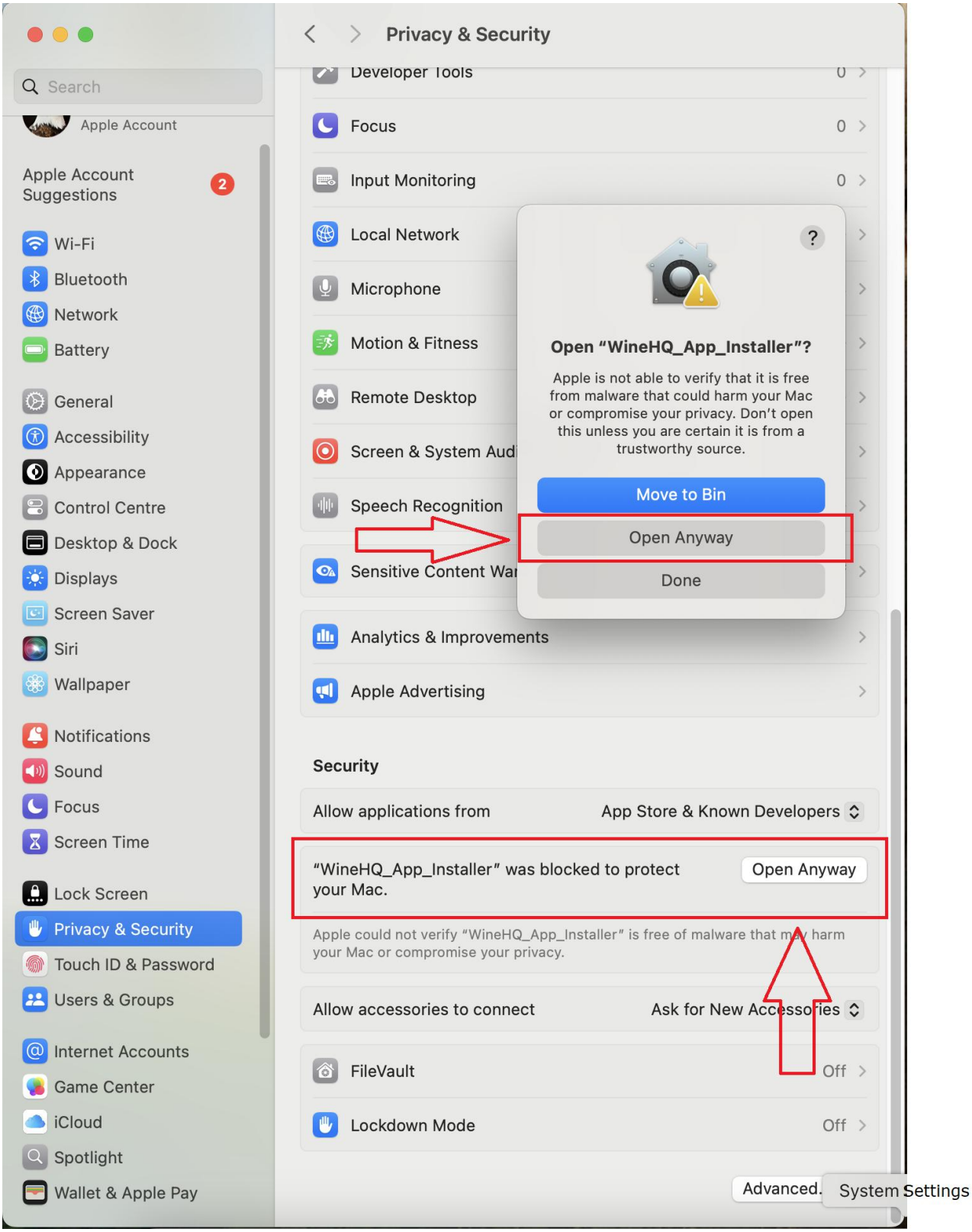
System Settings -> Privacy & Security

WineHQ_App_Installer Open Anyway



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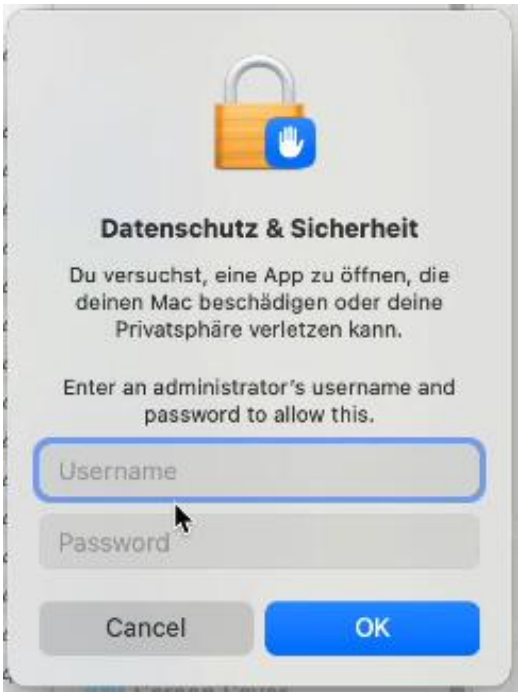
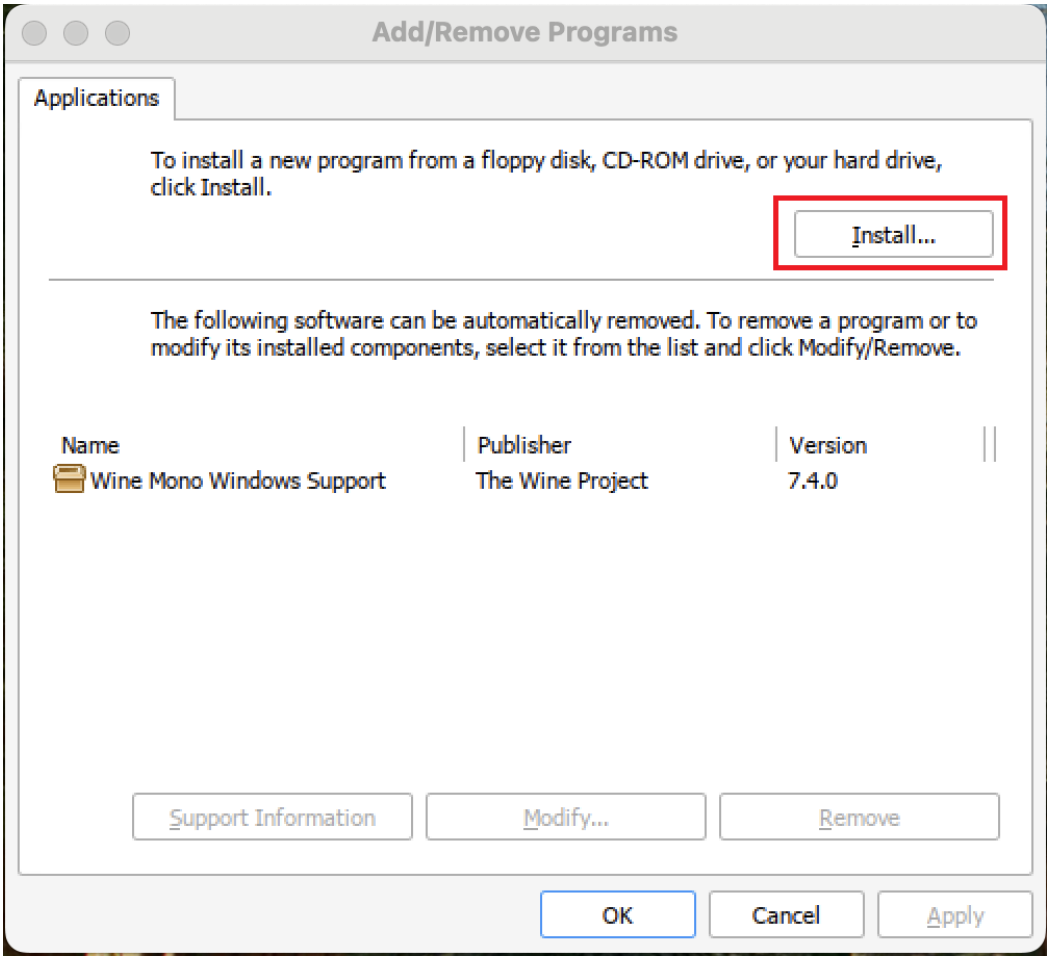
Authenticate



the WineHQ_App_Installer tool pops up. Click on “Install…”



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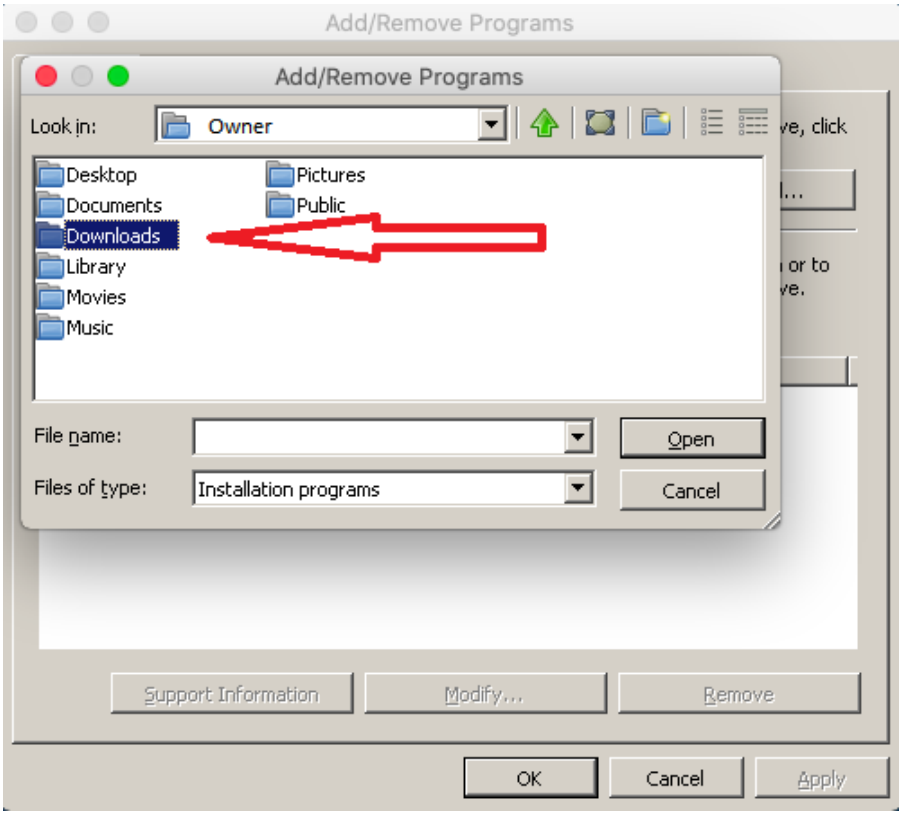
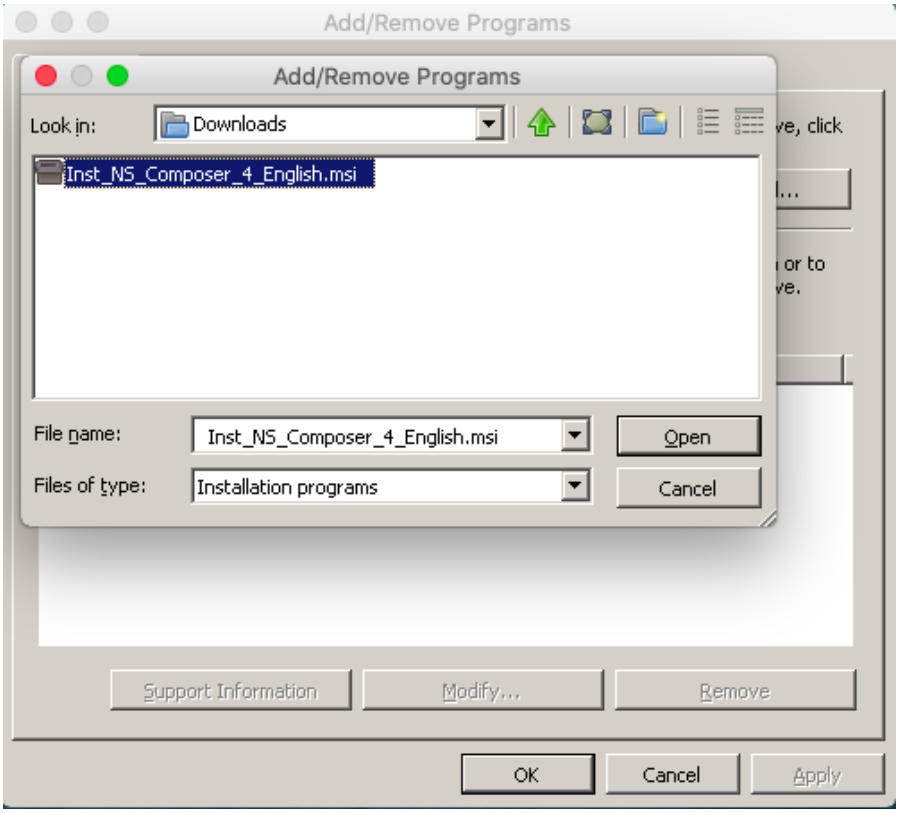
Navigate to Downloads where usually Safari has saved the downloaded installation file.



Select the downloaded installation file of Notation Software



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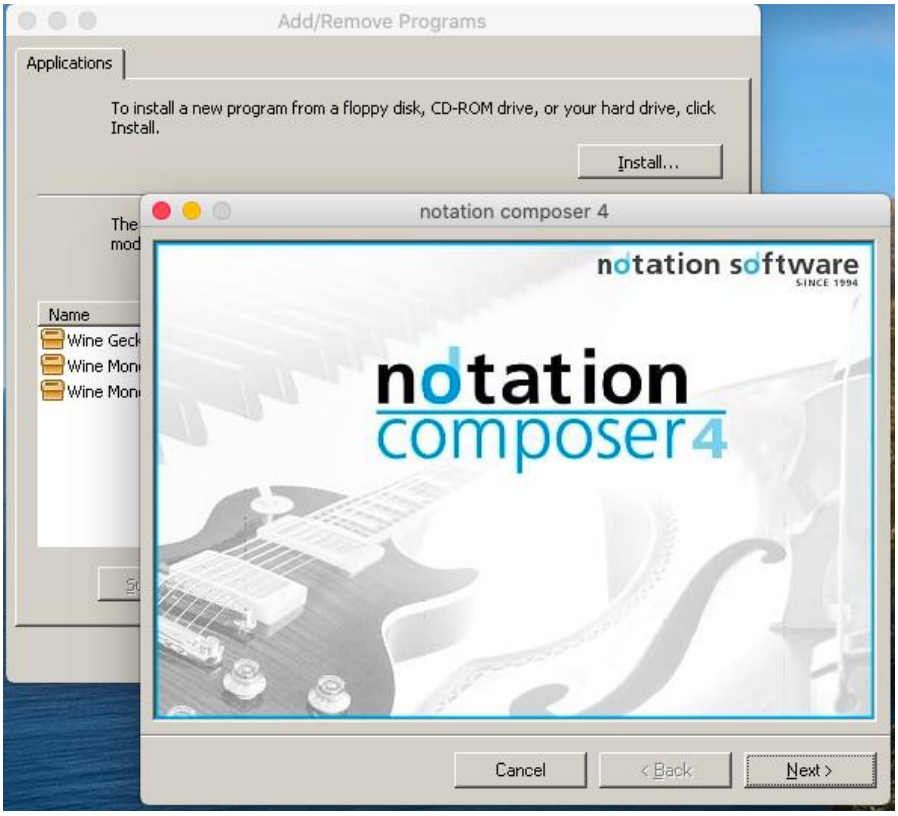
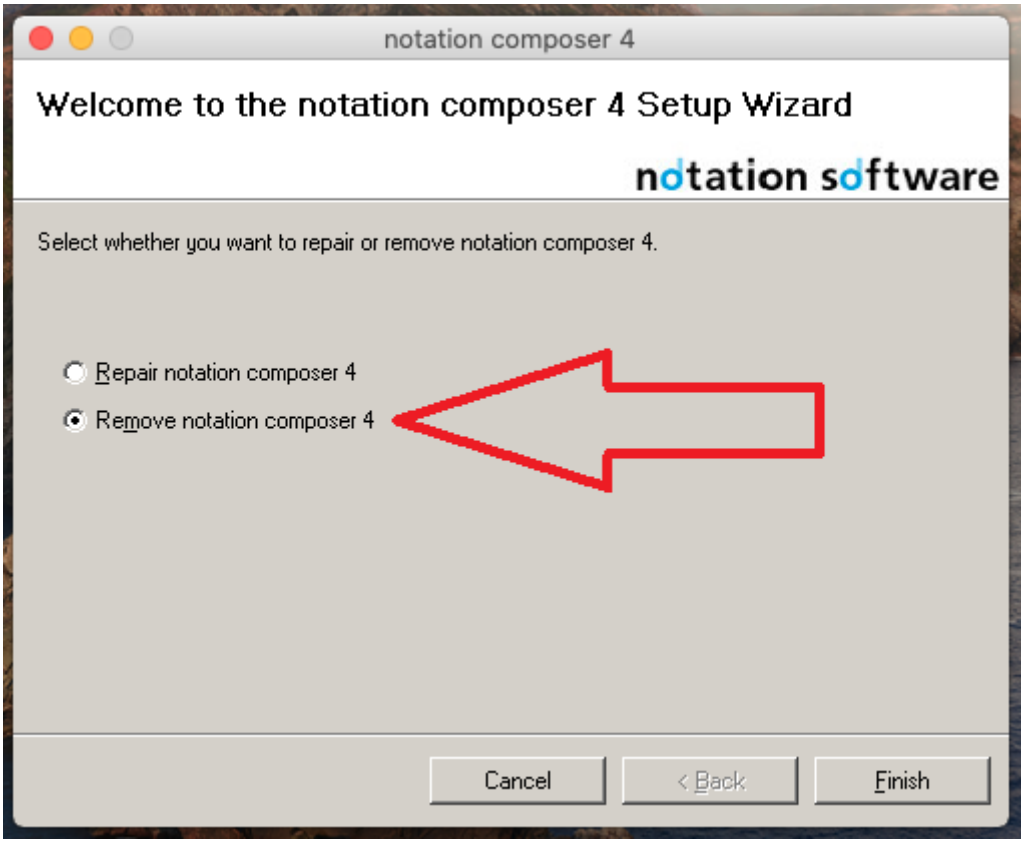
and proceed by clicking “Open”.

Now the installation of Notation Software starts.



If during installation a Repair/Remove window may pop up e.g. for de-installing a former version or a trial version, please **always use Remove**, **never** use Repair



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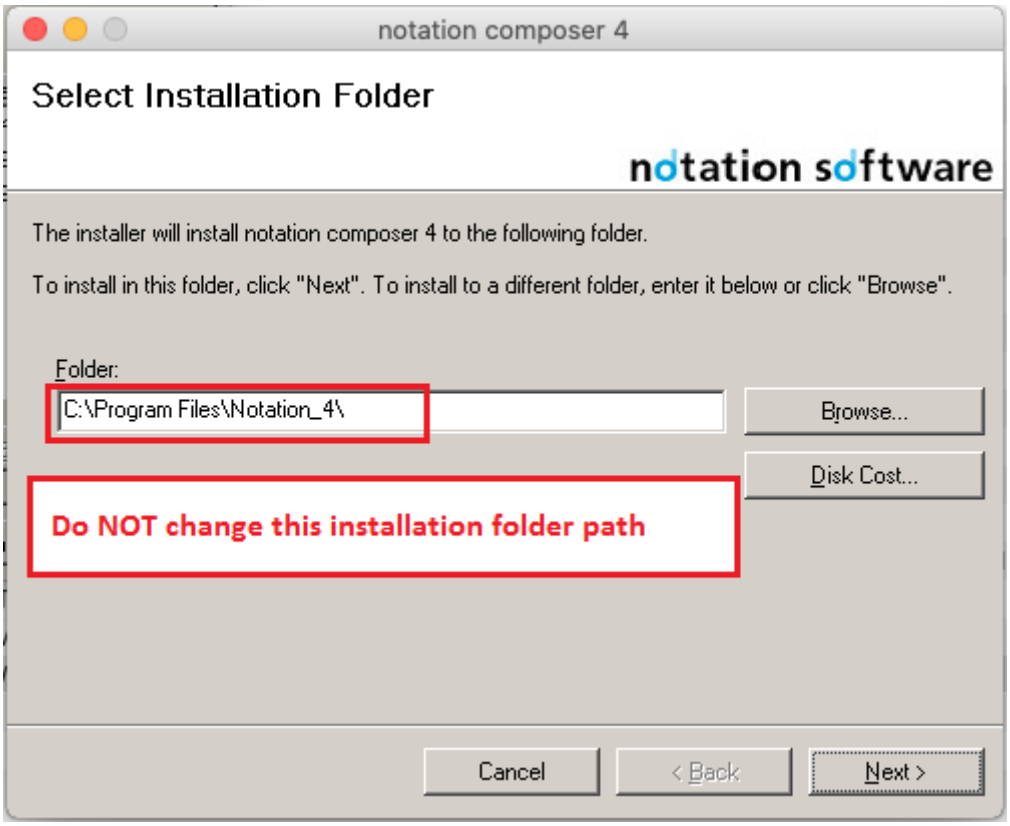
Please follow the installation steps and enter all required data.

IMPORTANT – when installing Composer / Musician /Player
Please do **NOT** change the default program installation folder.

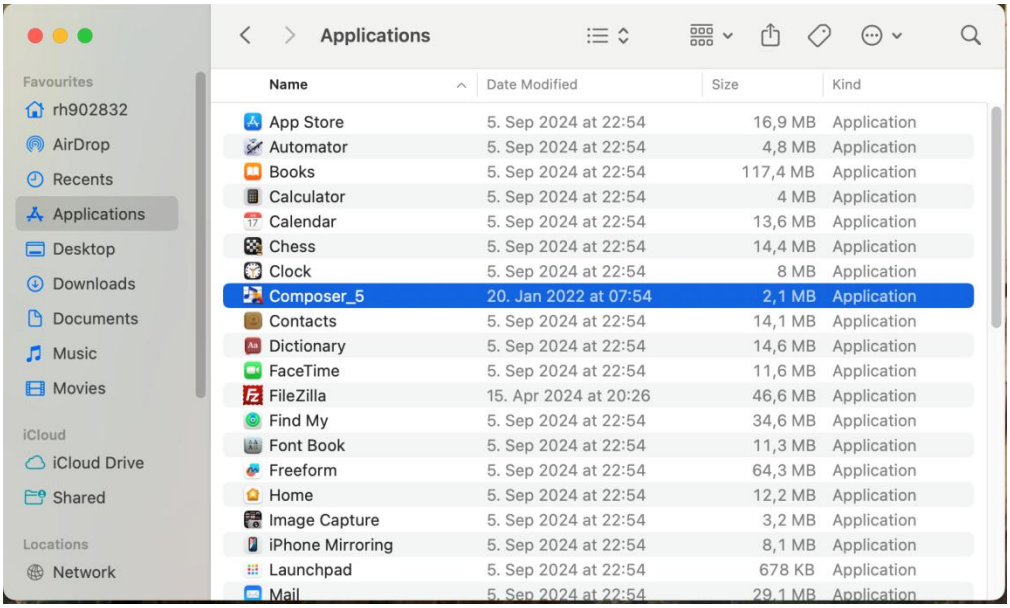


The software uses exactly this path when opening the program.

Please be aware that the WineHQ_App_Installer tool does not update the displayed app window after an installation or an update. But the update has been correctly performed.
(This issue is subject to a correction in Wine).

Complete the installation and close the installation tool.

You can start Composer now through the Applications folder



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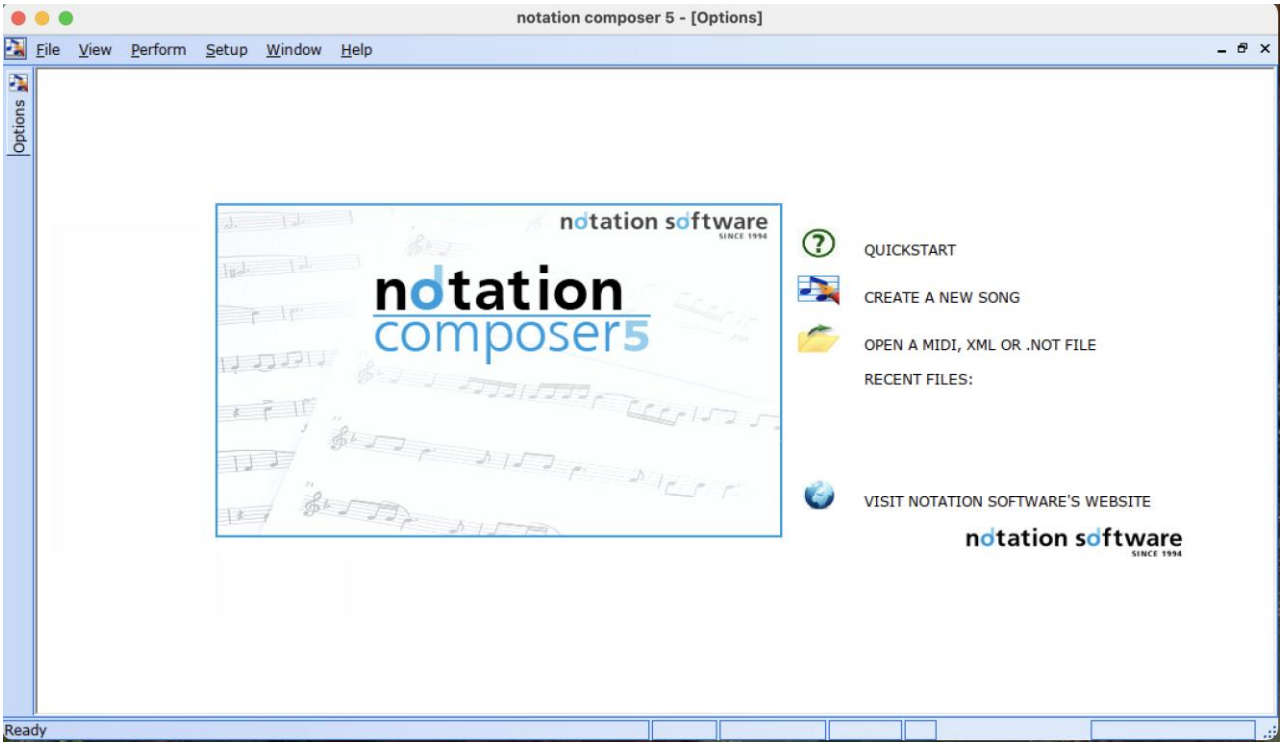
And after a while the turning wheel in the upper bar is circling again and Composer 4, 5 starts



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6 Save an external backup of the software

During installation of the software an automatic backup is created in a zip folder. This zip folder is located in the Downloads folder and also the folder where the installation was started. In addition you can find the backup in the product's installation folder (see Appendix A4).

Please save this zip backup on an external device or simply use the Time Machine feature for the backup. For a re-installation please follow the guidance as described in the file "Read_me_to_reinstall_Notation.txt"

For a re-installation please start with step 6 of this installation guide.

7 Set the Default Song directory

The installation of Notation Software is complete but we strongly recommend setting your Default Song directory at your convenience. Please execute the steps as shown in Appendix A3.

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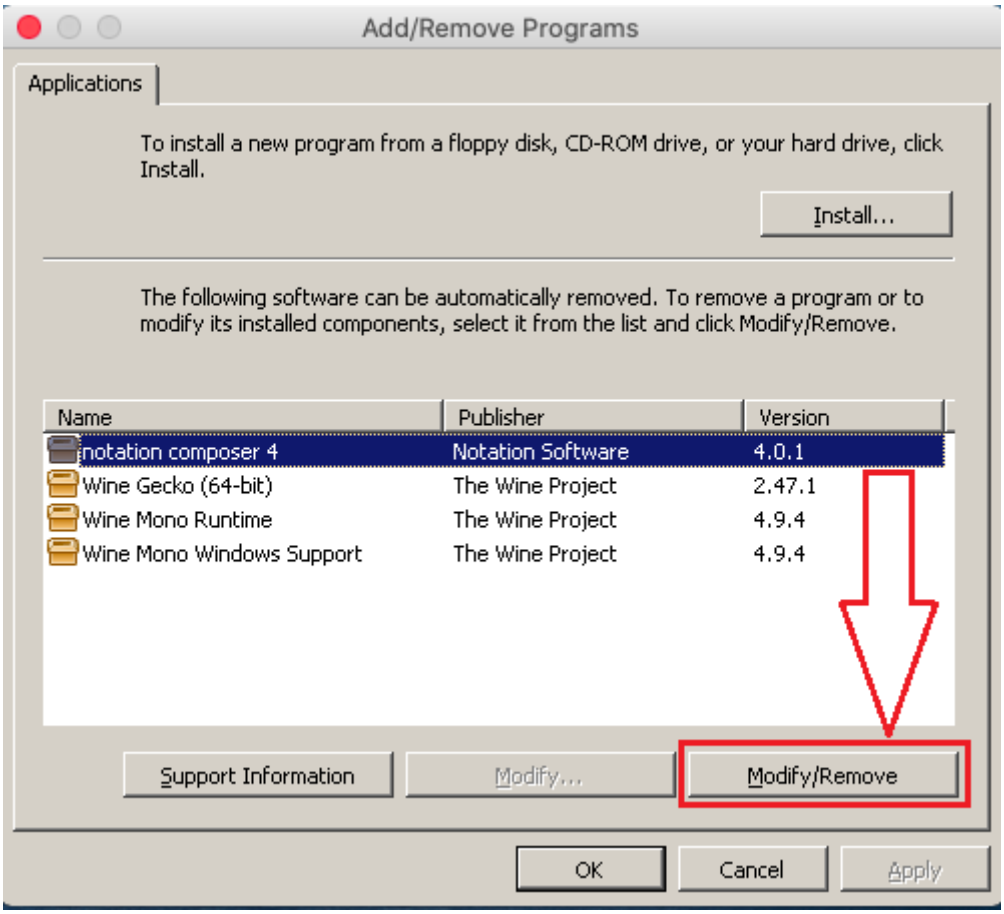
Appendix:

Useful information about the use of Notation Software on a Mac

A1. Uninstalling the software manually

Start WineHQ_App_installer.app as it is described in chapter 4.

Notation Composer is used in the following example screenshots, but the same steps are true for Notation Musician or Notation Player.



Always use Remove, **never** use Repair

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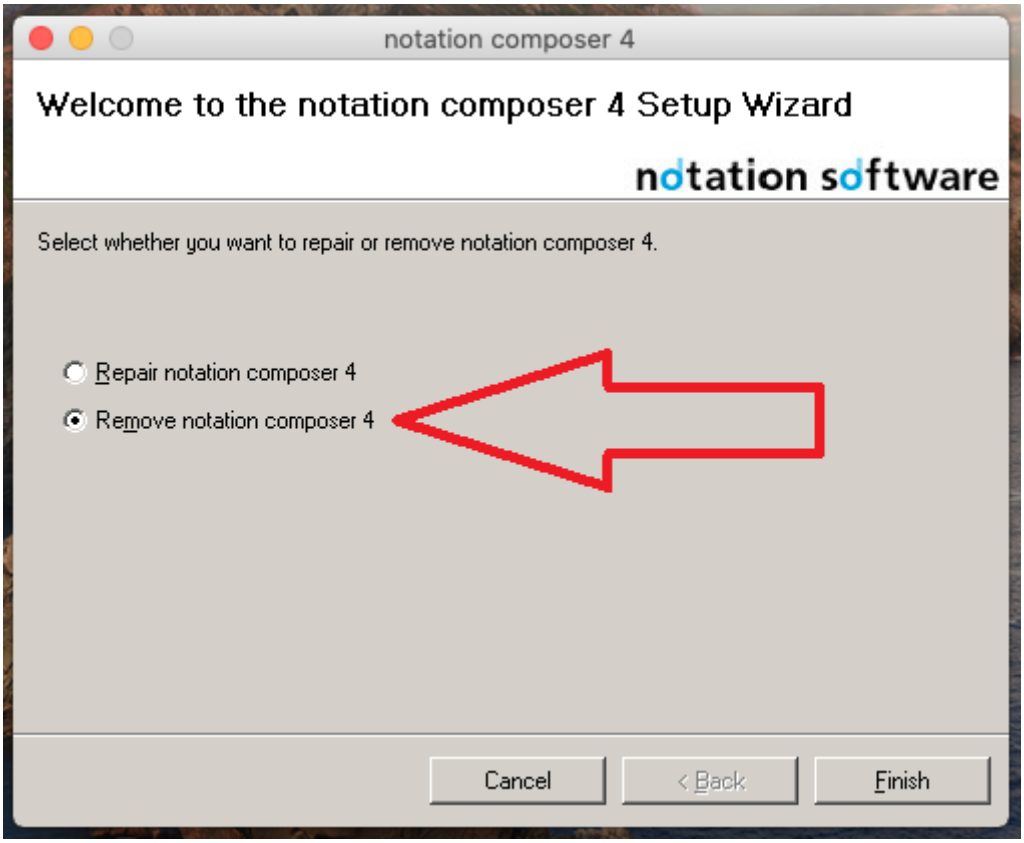

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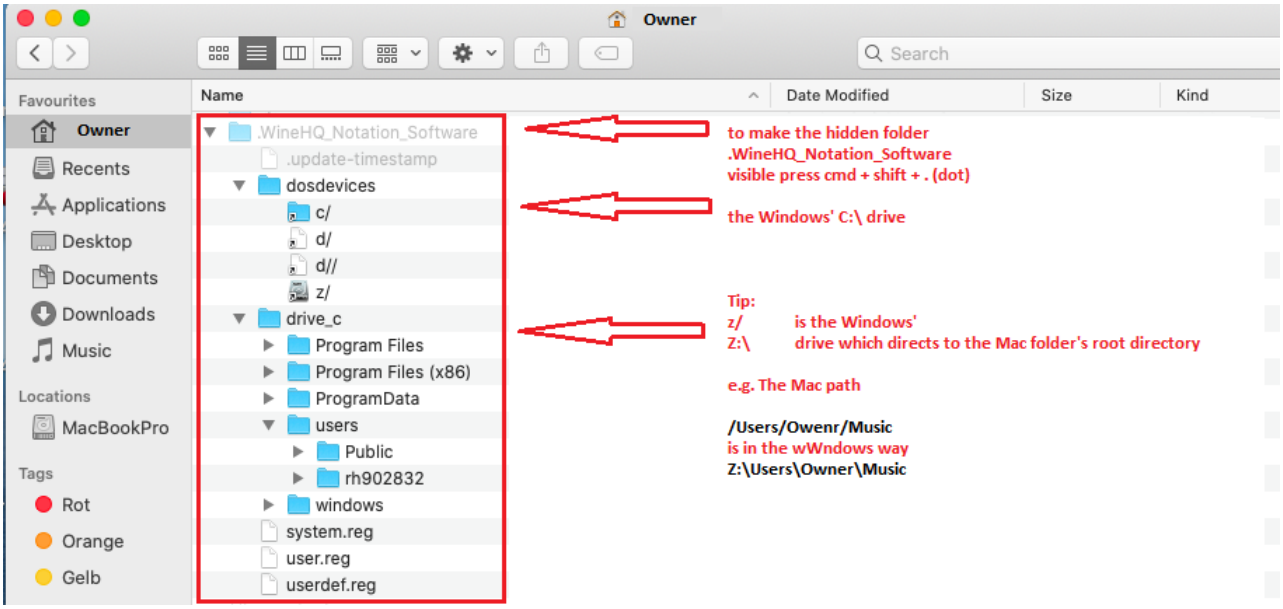
A2. File structure on a Mac

Wine creates the following directory structure.



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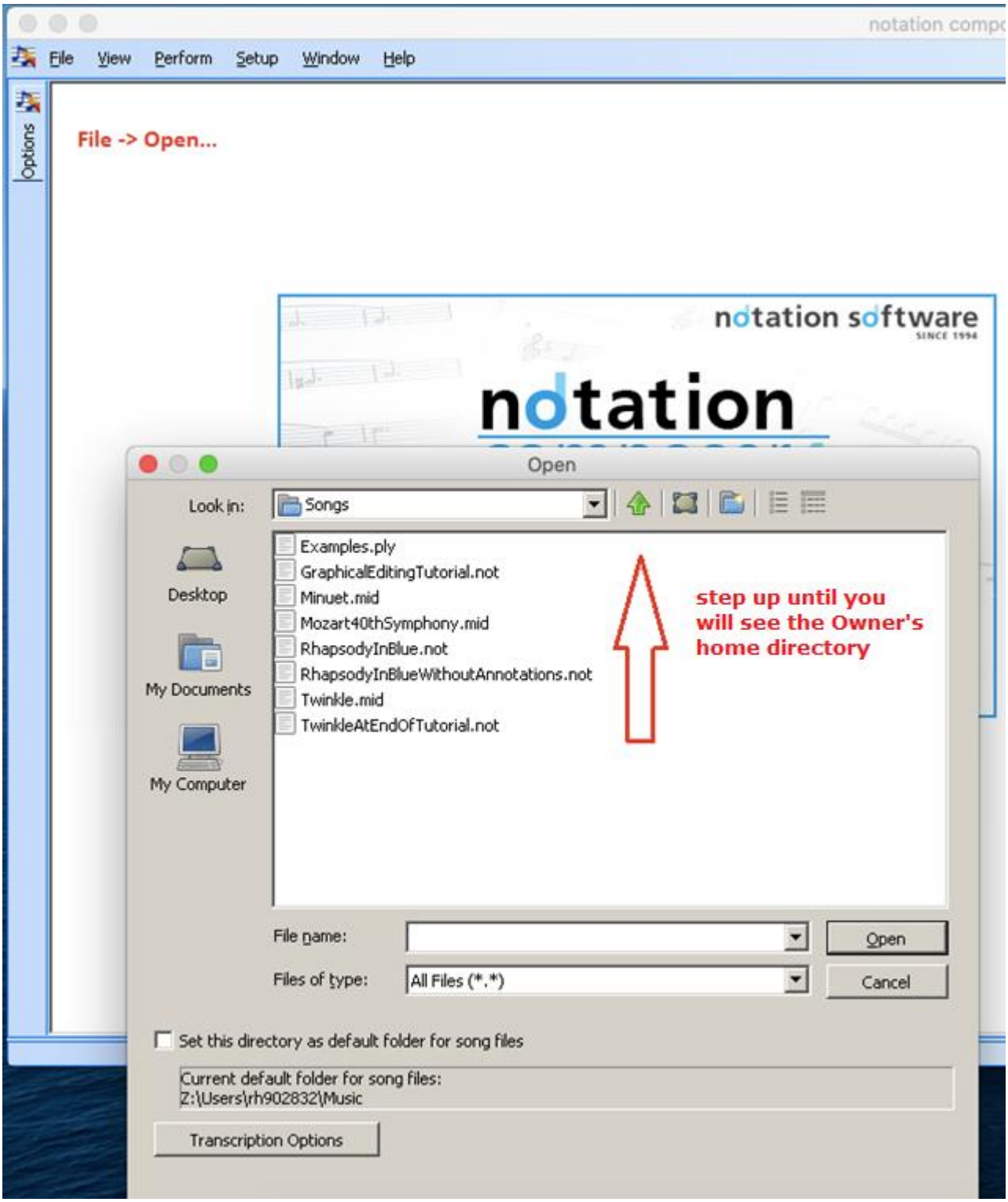
A3. Setting your default song directory

In order to set your default song directory please perform the following steps. Here in this example we will set the Music directory to be the Default Song directory.



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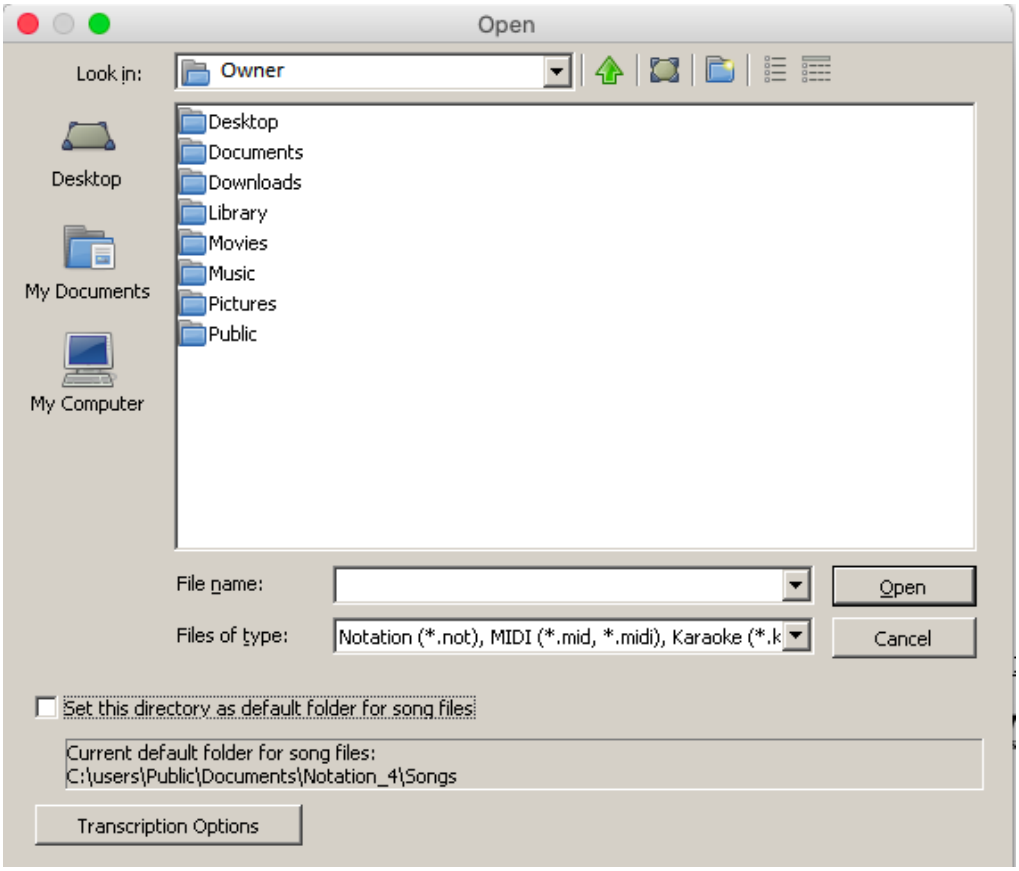

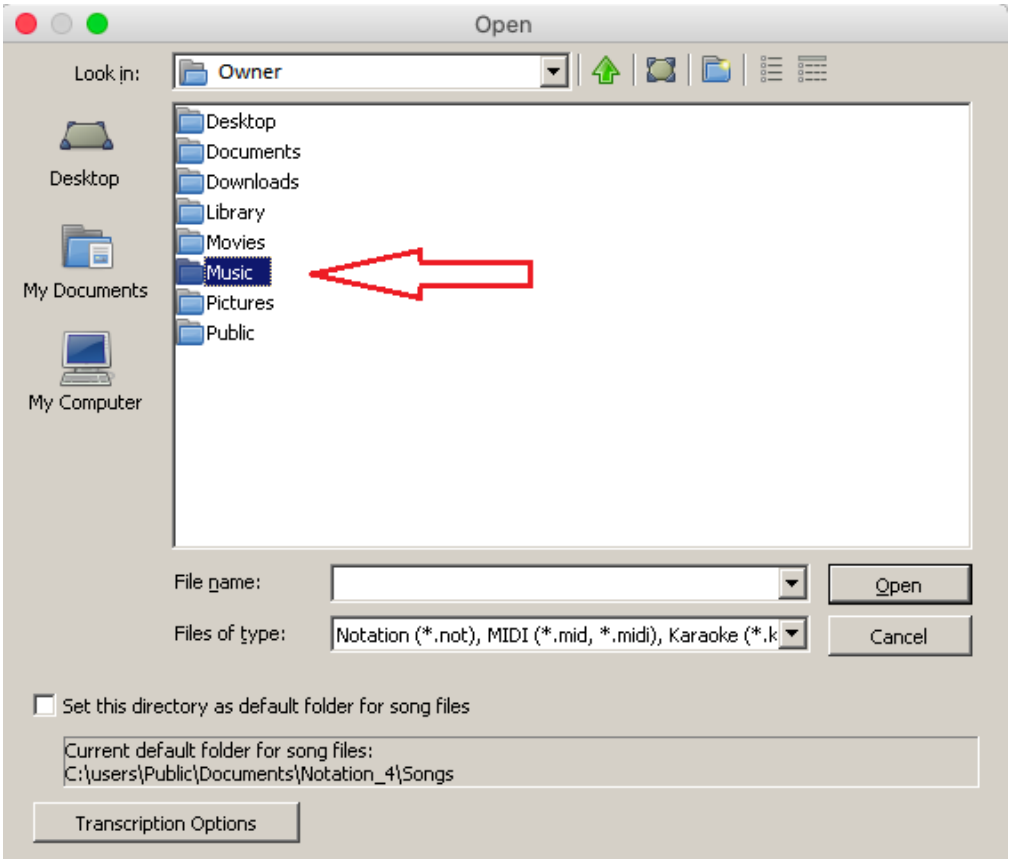

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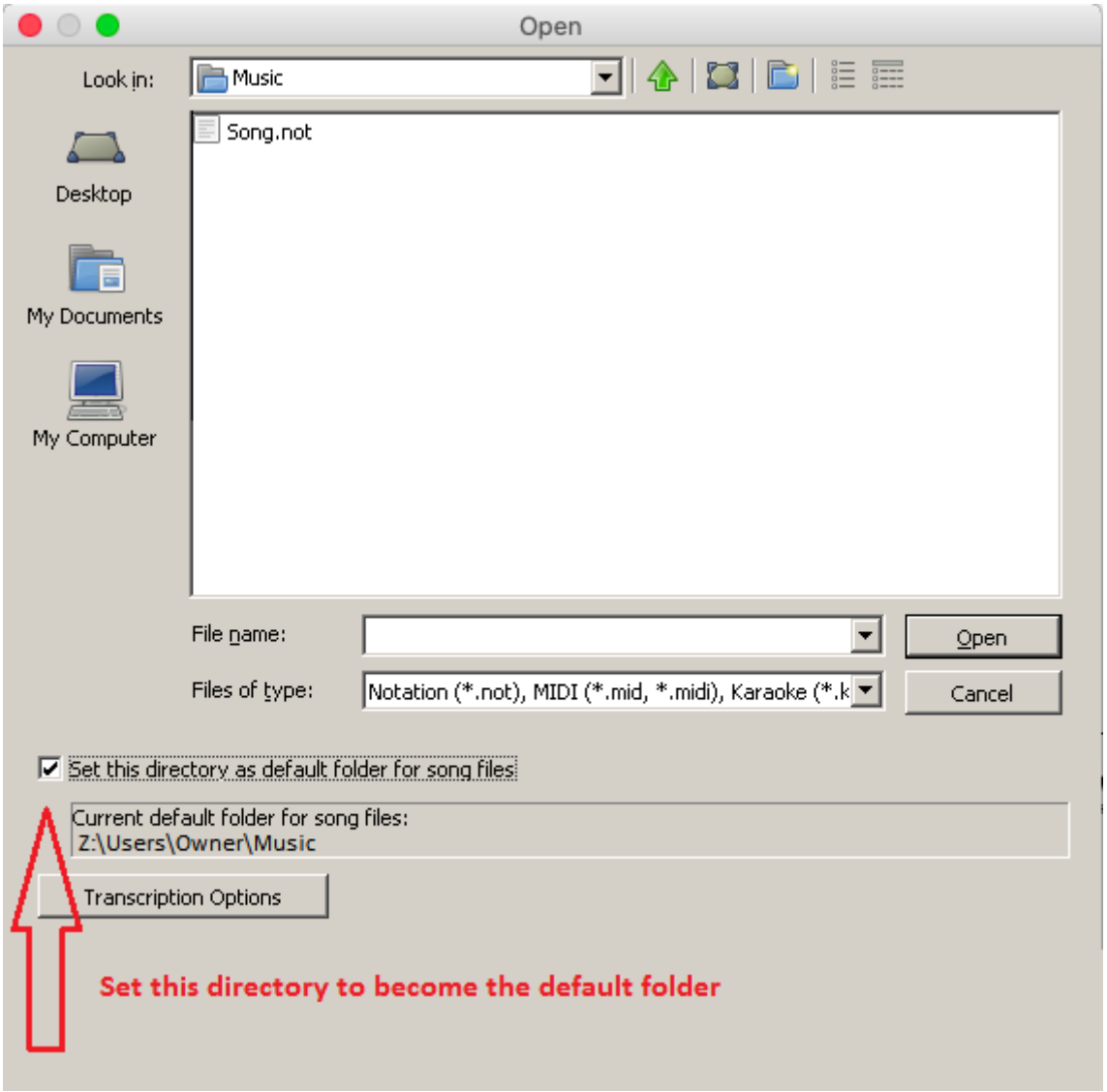

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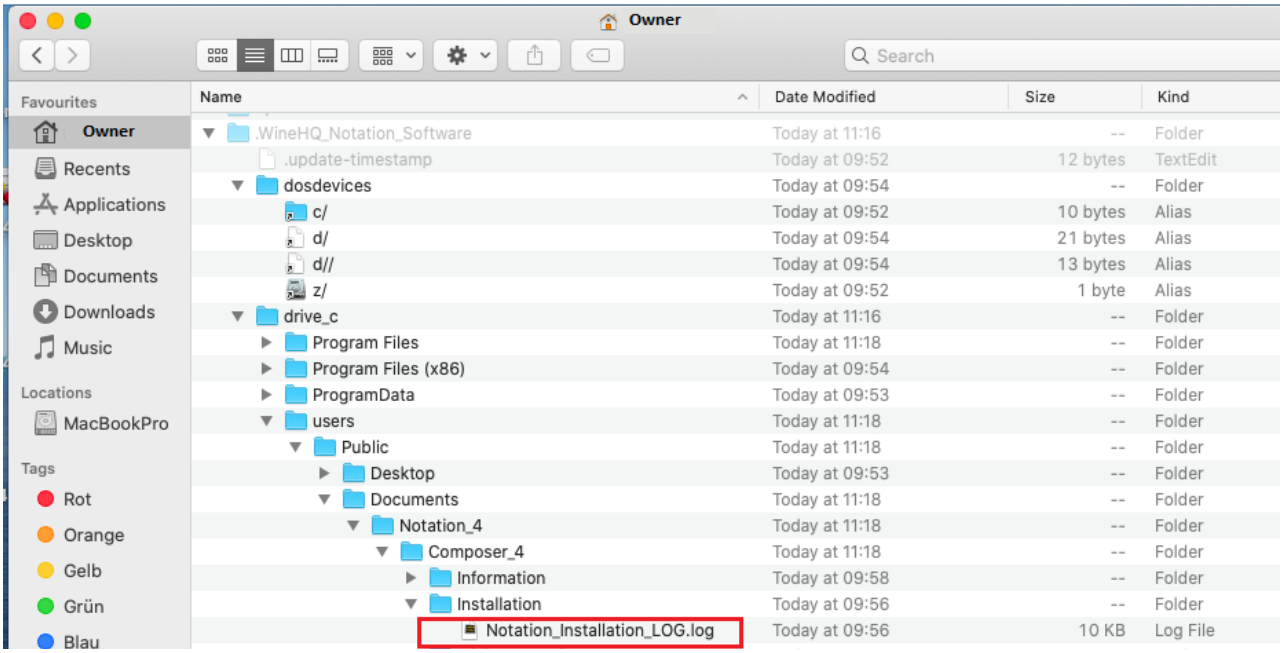
A4. Log files on Mac

notation composer 5 and notation musician 5



A5. PDF files from Notation Software

Notation Software offers a build-in PDF Export feature.

However, you may want to use a public PDF saving feature which can be used through the printing dialog window. For that we recommend that you install *RWTS PDFwriter* on your Mac.

You can find instructions and a download link at

https://github.com/rodyager/RWTS-PDFwriter

Please follow the description to download the pkg file of the *RWTS PDF Writer* and install it. After installation select PDF Writer in the File / Print dialog. The PDF file is saved in the folder described in the link above.

We strongly recommend having a printer configured in order to be able to use the page layout feature. If you do not normally use a printer, configuring the *RWTS PDFwriter* is a useful alternative.

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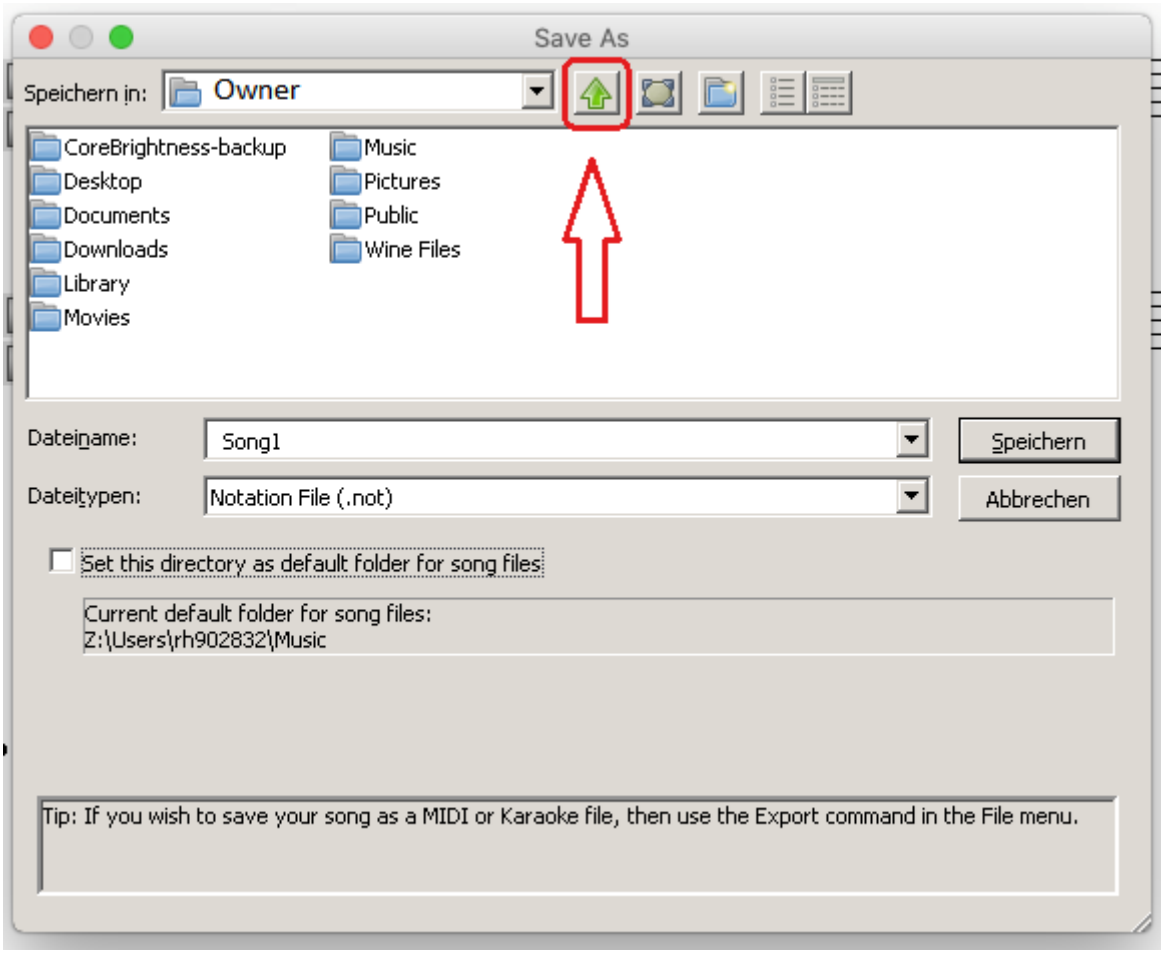
A6. External and Network Drives

External drives e.g. USB drives and network drives on a Mac PC are mounted at /Volumes.
E.g. an external drive with the name “External Drive” is mounted on /Volumes/External Drive

For saving song files to an external drive please navigate to the external drive as shown in the images below



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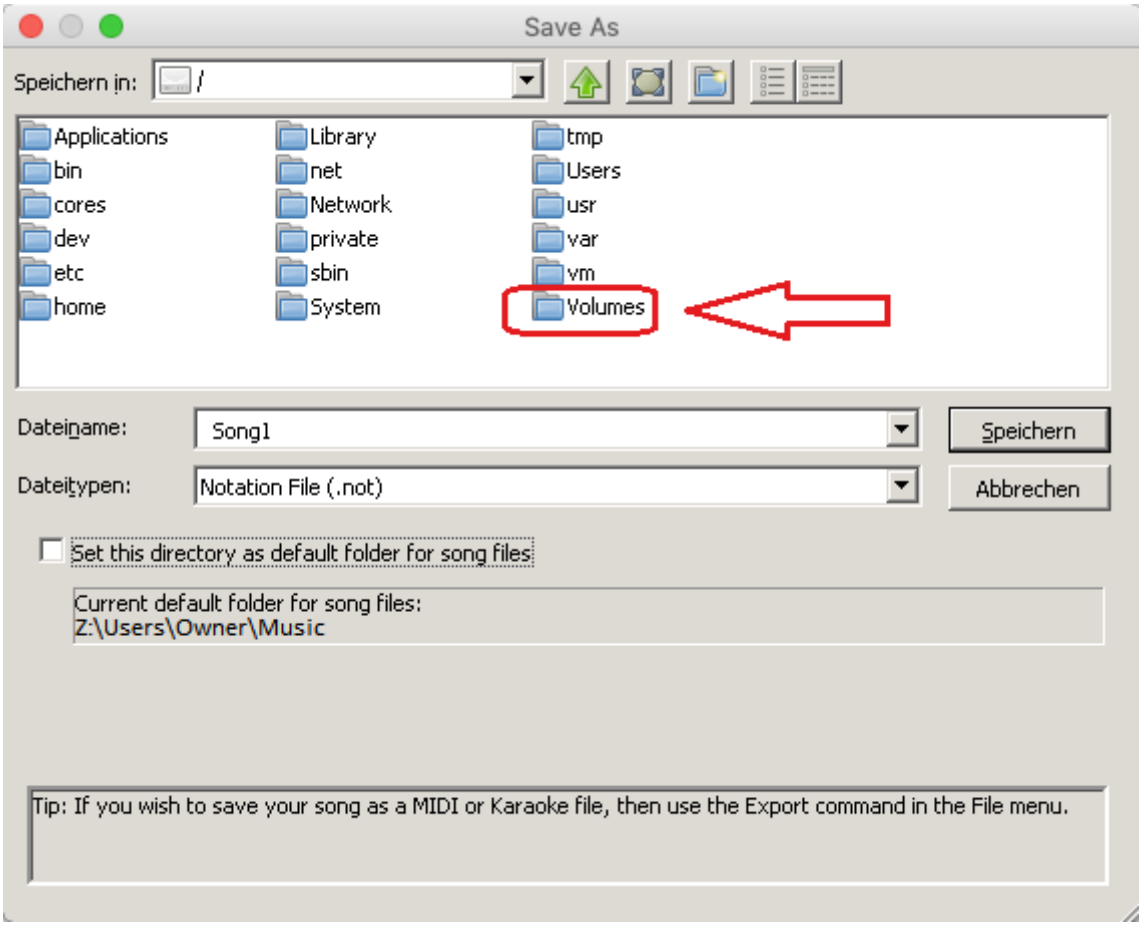

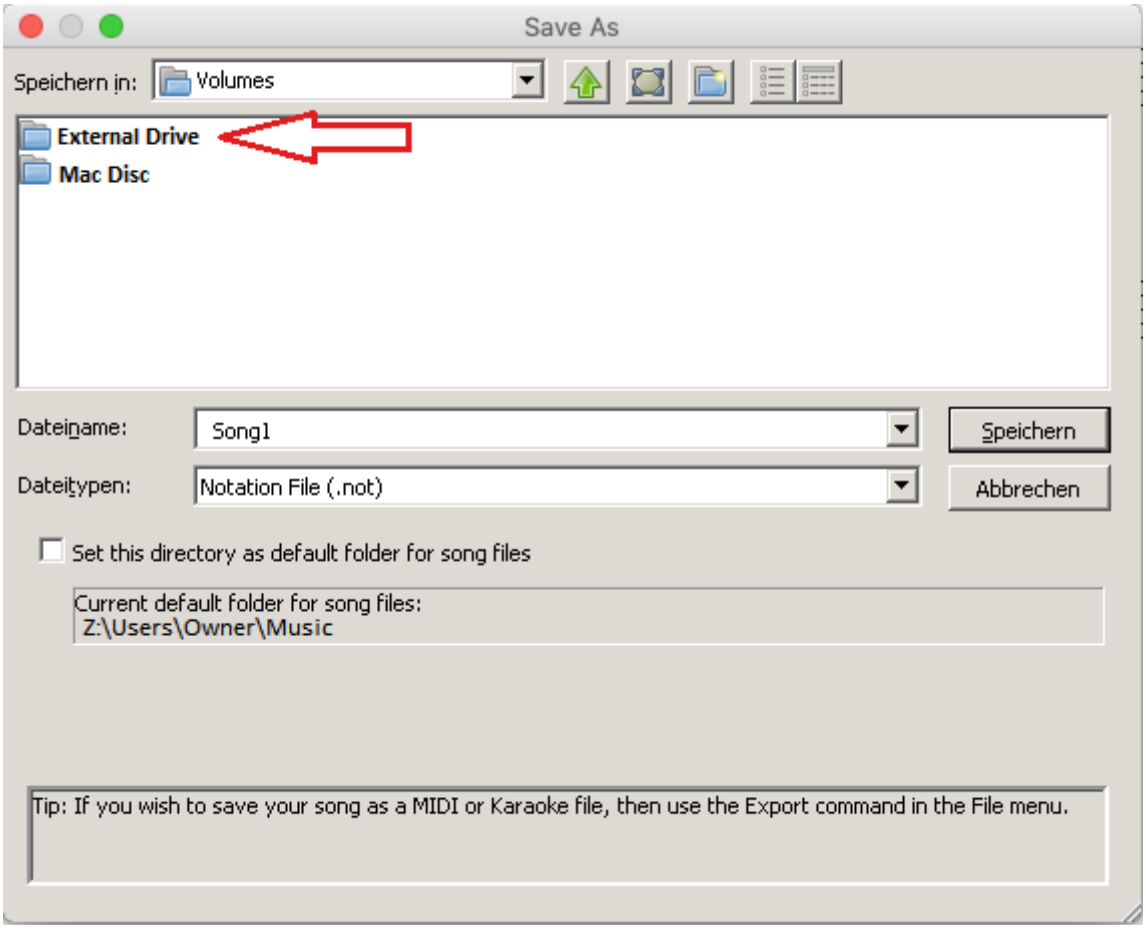

A7. iCloud

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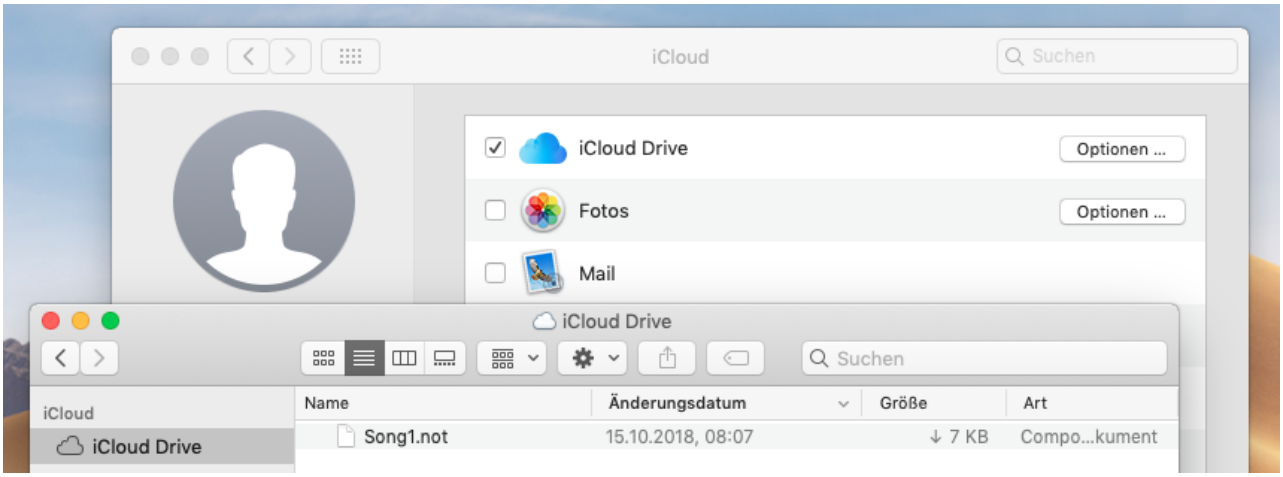
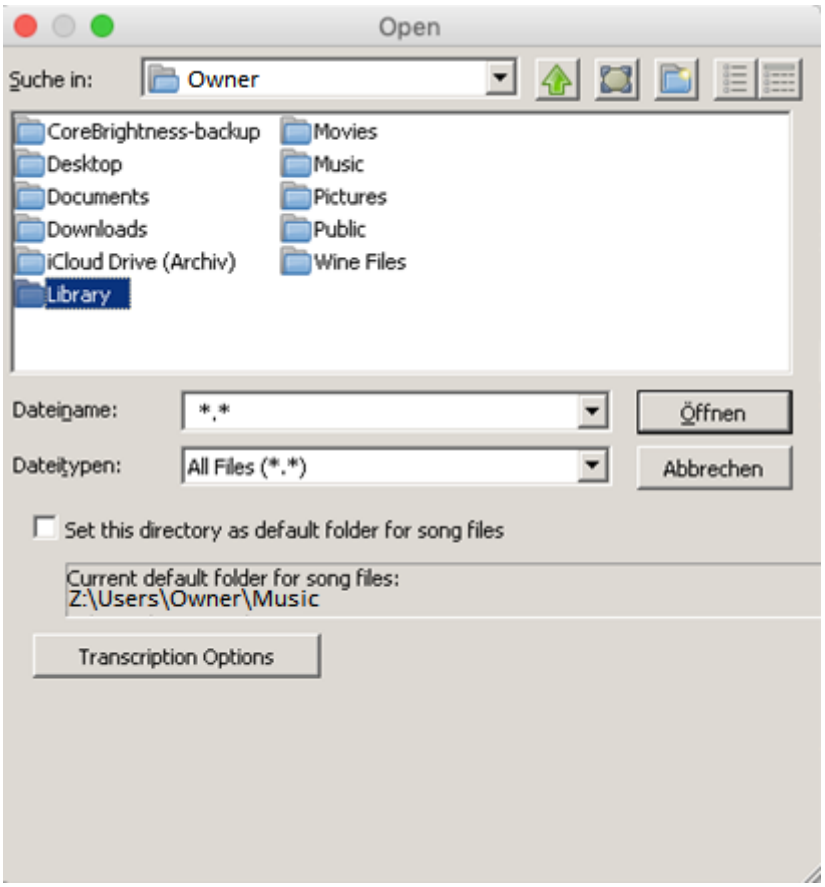
In order to use iCloud the user must log in to iCloud Drive (double click to the iCloud Drive icon in the Finder). This login mounts the iCloud Drive under the path

~/Library/Mobile\ Documents/com~apple~CloudDocs/
(~ tilde is a shortcut for the current users home directory)

In this example here the file Song1.not is copied to the iCloud Drive



In order to access to the iCloud Drive from Notation Software please see the navigation steps below:



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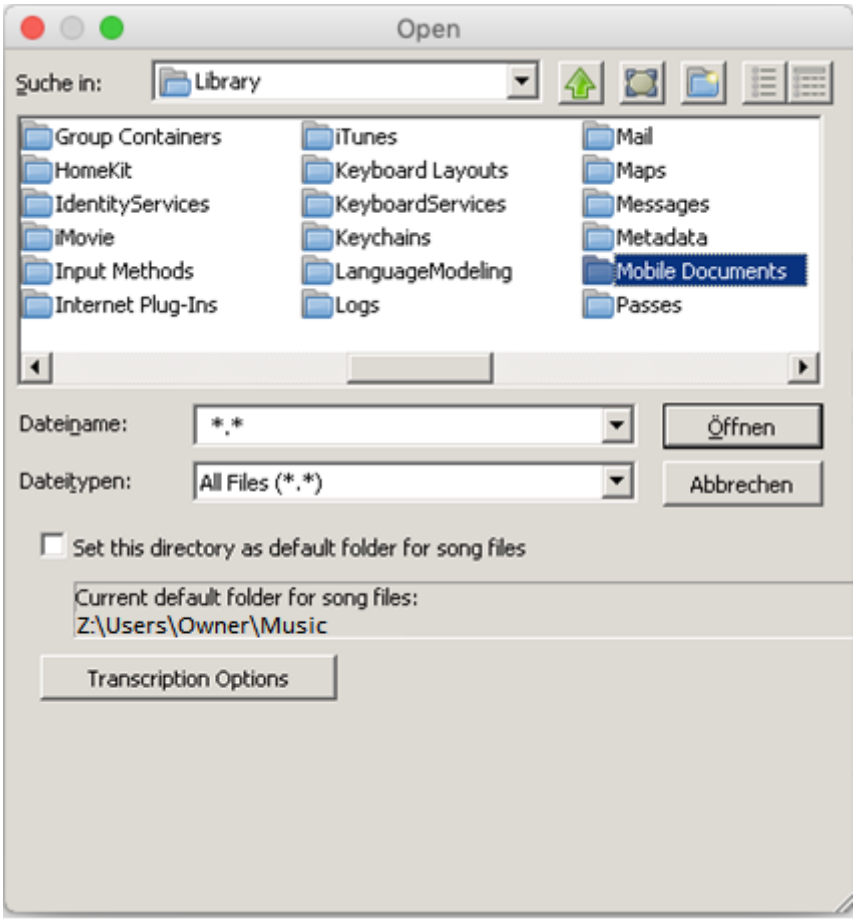

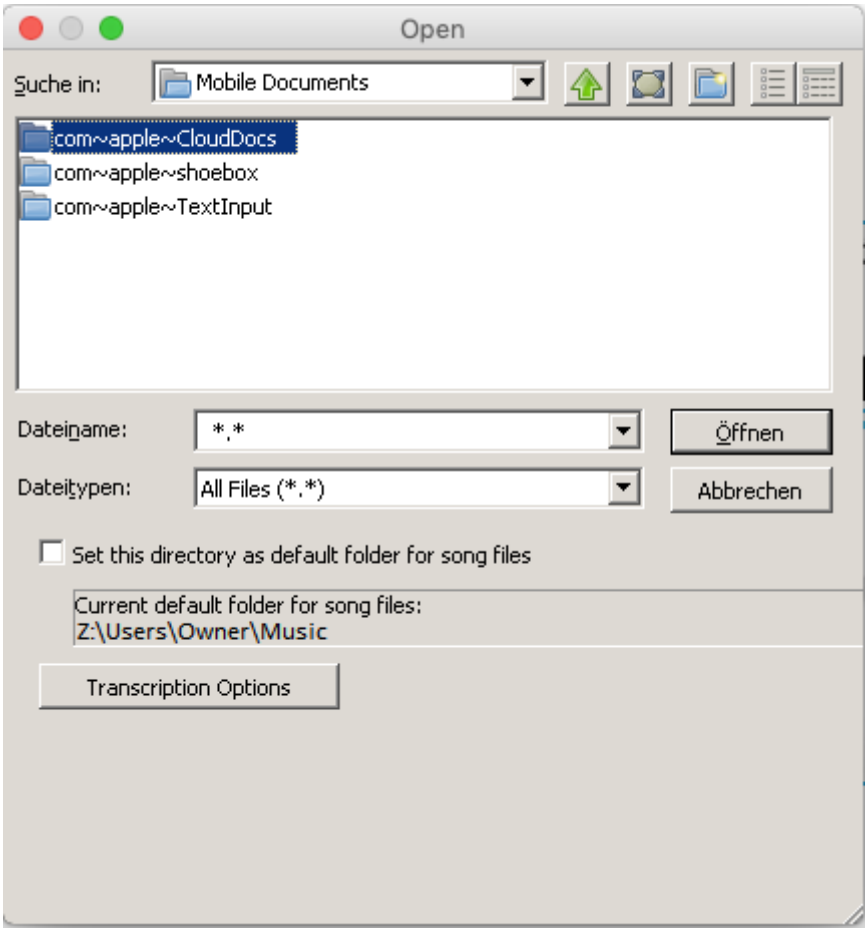

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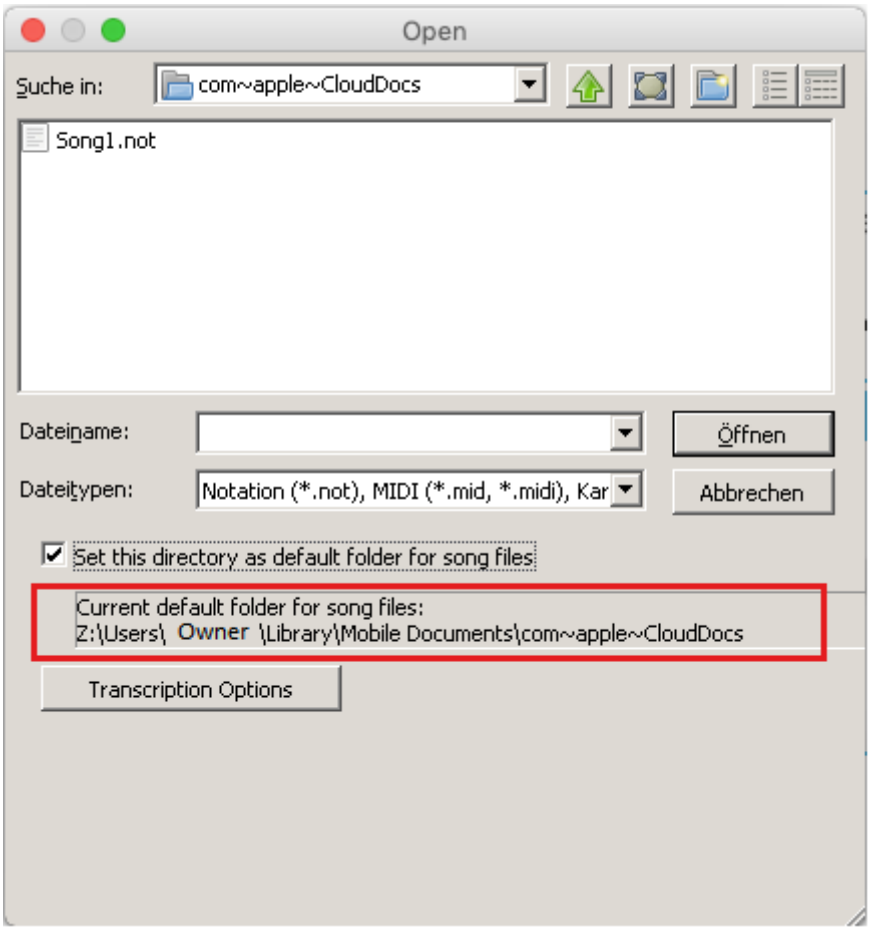

Please see the full path in the red square.

When logging off from the iCloud the user can determine to archive a copy of the iCloud Drive locally at ~\iCloud\ Drive (Archive). During the log off process the iCloud Drive gets unmounted.

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A8. Convenient use of the function keys F1 – F12

Notation Software's products use some function keys F1 – F12. For your convenience without the additional fn key we recommend that you change your Mac's setting as described here at

https://support.apple.com/en-us/HT204436

But please notice changing this setting applies to all apps.

A9. Useful information when previously version 3 was used

Notation Software version 5 is an x64 bit app. Version 3 is an x86 or 32 bit app. Please see the comparison list below which illustrates the difference

Comparison

	Composer 3	Composer 4, 5
Technology	x86 or 32 bit app	x64 or 64 bit app
Wine version	Wine_2.0.dmg	Wine_x.dmg (e.g. = 8.5)
Technology	x86 or 32 bit	x64 or 64 bit on Intel or on Apple M chip with Rosetta 2
Wine root path (Wine Prefix)	Wine Files	.WineHQ_Notation_Software
Mac version	OS X 10.9 (Mavericks) through macOS 10.14 (Mojave)	OS X macOS Catalina onwards
Band-in-a-Box Plugin Version 3	yes	no
Band-in-a-Box Plugin Version 5	no	yes

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FAQ:

Question: Does Composer 3 run on macOS Monterey * now or with a future update?
Answer: No, Composer 3 is a 32 bit app. macOS Monterey * only allows 64 bit apps. Your license needs to be upgraded to version 4

==========

Question: Does Composer 3 run on Wine_x.dmg (x >= 5.4) ?
Answer: No

==========

Question: Can Composer 3 and Composer 4 run on the same Mac PC?
Answer: from OS X 10.9 to macOS 10.14 yes, but not on the same Wine version. Composer 3 requires Wine_2.0 which is a 32 bit version only. Composer 4 requires Wine_x (x >= 5.4) which is a 64 bit version only. Both Wine versions can be installed and will work independently on the same Mac PC for the above mentioned OS versions.

==========

Question: When upgrading from macOS Mojave to macOS Monterey * and installing Wine_x will there anything be deleted from the previous version 3 installation (Composer 3 + Wine_2.0)?
Answer: No, nothing gets deleted. All the previous files from Composer 3 are still available and accessible on the Mac, but not accessible from Composer 4 by default.
If required, we strongly recommend copying all the relevant files from the C:\users\Public\Documents\Notation_3 folder of Wine_2.0 (Wine Files) and merge them to the folder C:\users\Public\Documents\Notation_4 folder of Wine_x (.WineHQ_Notation_Software)
Please do that file by file where you know what you are doing

==========

Question: I have all my music .not and .midi files in the folder /Users/[user name]/Music. Can I access and open these files in Composer 4 after upgrading?
Answer: Yes

==========

Question: What about settings like the page layout, fonts, soundfont files etc. Are those settings of Composer 3 automatically taken over by Composer 4?
Answer: No. The settings are stored in the Registry. Wine 2.0 and Wine_x have different Registries

==========

Question: Codeweavers offers with CrossOver a comfortable Wine version and they have announced that CrossOver higher than V19 is able to run Win 32 bit apps. Does that mean that I can use Composer 3 with CrossOver on macOS Monterey *?
Answer: No. Composer 3 does not work on macOS Monterey * with CrossOver
In general: CrossOver may contain a Wine version which is not certified

==========

Question: Does the Band-in-a-Box plugin work with Composer 4 on a Mac PC?
Answer: No. Composer 4 + the Band-in-a-Box plugin version 4 only work on Windows and Linux.

==========

Question: What do you recommend when upgrading to Composer 4?
Answer: We recommend removing the automatic launch of Wine 2.0 from the Login items. See Installation Guide for version 3 chapter 3 in Appendix 10.

Monterey * stands for a certified 64-bit macOS

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A10. Installation Guide for Version 3, 4

Version 3 please see
https://www.notation.com/download/Installation-Guides/Mac-Notation-Installation-Guide_Version_3.pdf

Version 4 please see
https://www.notation.com/download/Installation-Guides/Mac-Notation-Installation-Guide_Version_4.pdf

A11. Settings for high resolution screen / DPI Awareness

Close any Notation app.

Open in Applications / Utilities

WineHQ_Config.app

(For macOS Tahoe, Sequoia run the tool by “Open Anyway” as indicated in 4.3)

Open the Graphics tab and select you favourite DPI settings.

A12. Delete Key

Between Windows-PCs and Mac-PCs there is a different methodology about the ‘Delete’ key.

On a Mac
1. the Delete key or (⌫ or ←) is to delete left of the cursor
2. Deleting right of the cursor is fn + (Delete key or (⌫ or ←))

On Windows the 2 keys exist:
1. the backspace key ⌫ or ← (delete left of the cursor)
2. Del key (delete right of the cursor)

We at Notation use the Windows terminology for Delete.

For example: deleting a selected note on a Mac is to delete right of the cursor:

fn + ⌫

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