

HIGH Cloud: Seafile

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General Information and the Seafile Website

Seafile is a file hosting and data sharing solution like Dropbox, Google Drive and Microsoft Onedrive. Unlike these, however, Seafile can be set up on a private server allowing for better privacy and sidestepping capacity limitations.

You can access the HIGH's Seafile website at
<https://tropmed29-hyg.urz.uni-heidelberg.de>

Please note that Seafile is **not** a backup solution. We are not responsible for any data loss.
Always have a local backup of your important data i.e., by using the Seafile client or by saving your data on an external drive or similar.

What are my login credentials?

You have received an email with your password. Alternatively, you can reset your password for the email you have been registered with on Seafile (the email address we have send this tutorial to).

How to install the Seafile Desktop Client

Download the latest desktop syncing client from the Seafile website:
<https://www.seafile.com/en/download/>

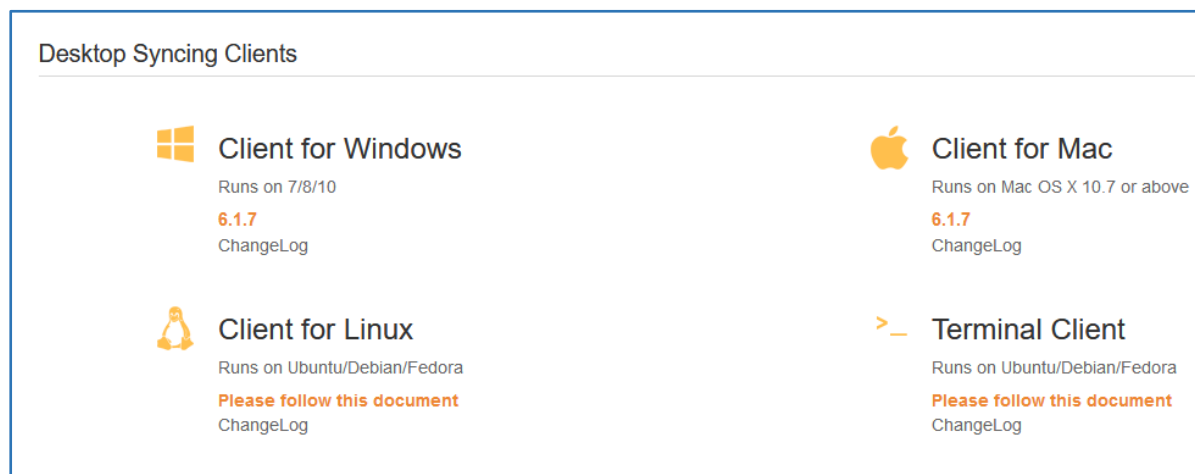


Figure 1: Chose the corresponding desktop client for your operating system

Proceed to installing the desktop client.

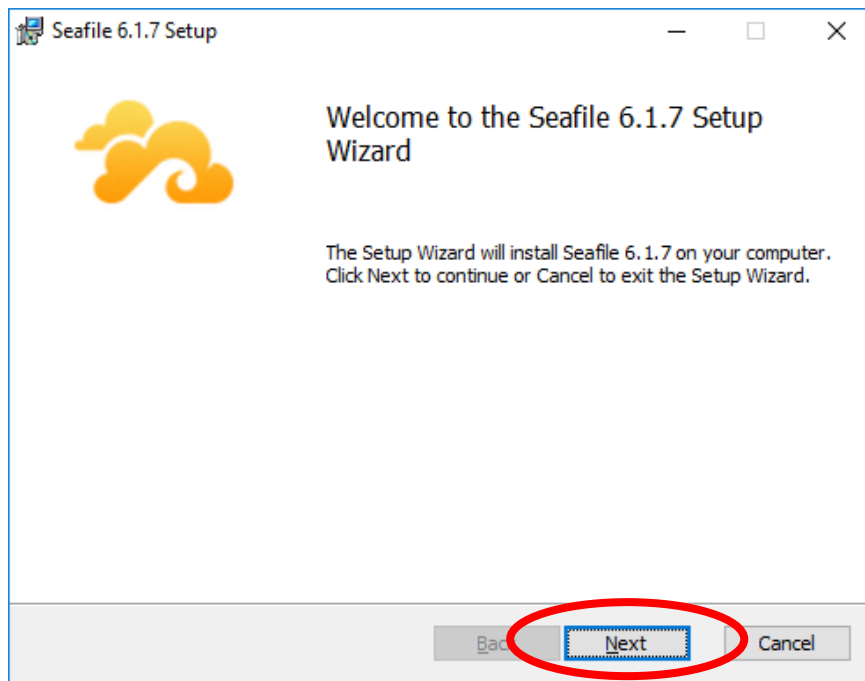


Figure 2: Seafile installer – click on “next” to continue the installation

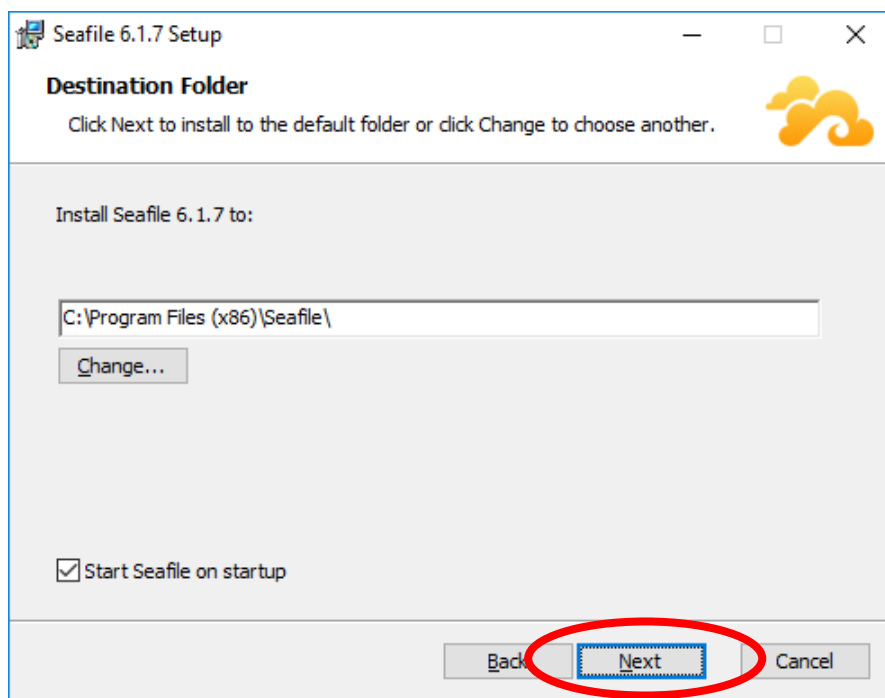


Figure 3: Change the installation path if you want to and then proceed

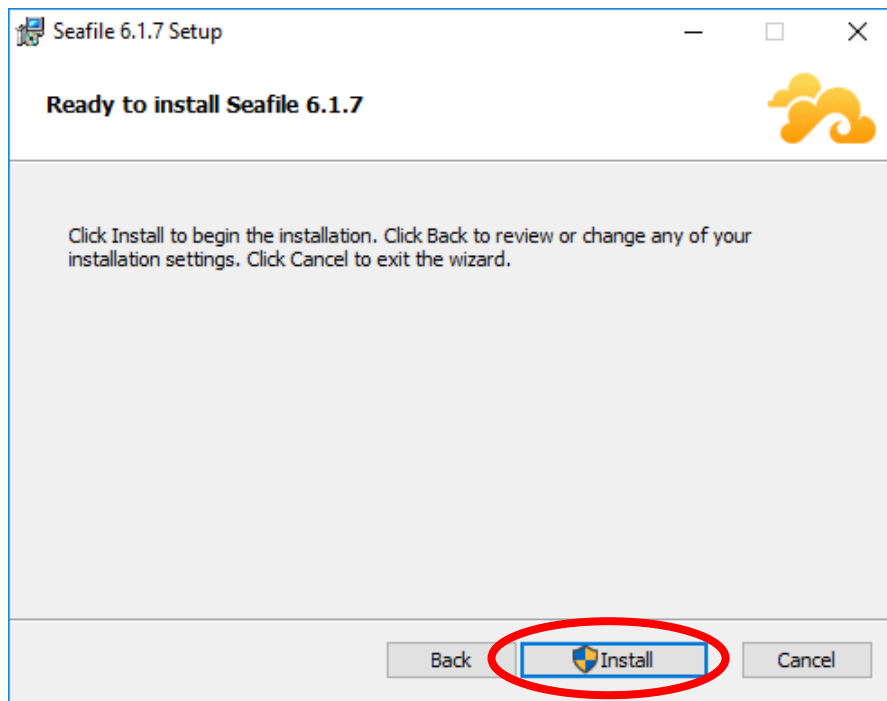


Figure 4: Click on "Install" to finalize the installation process

When starting Seafile for the first time, the application will prompt you for a synchronization folder to use. Later on, you will be able to add further folders to be synchronized.

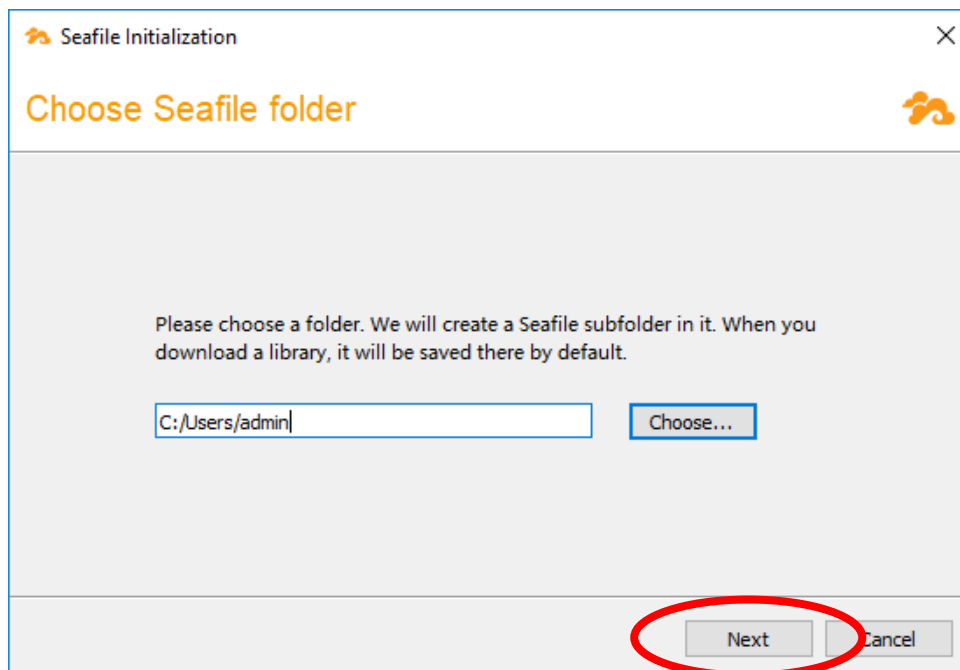
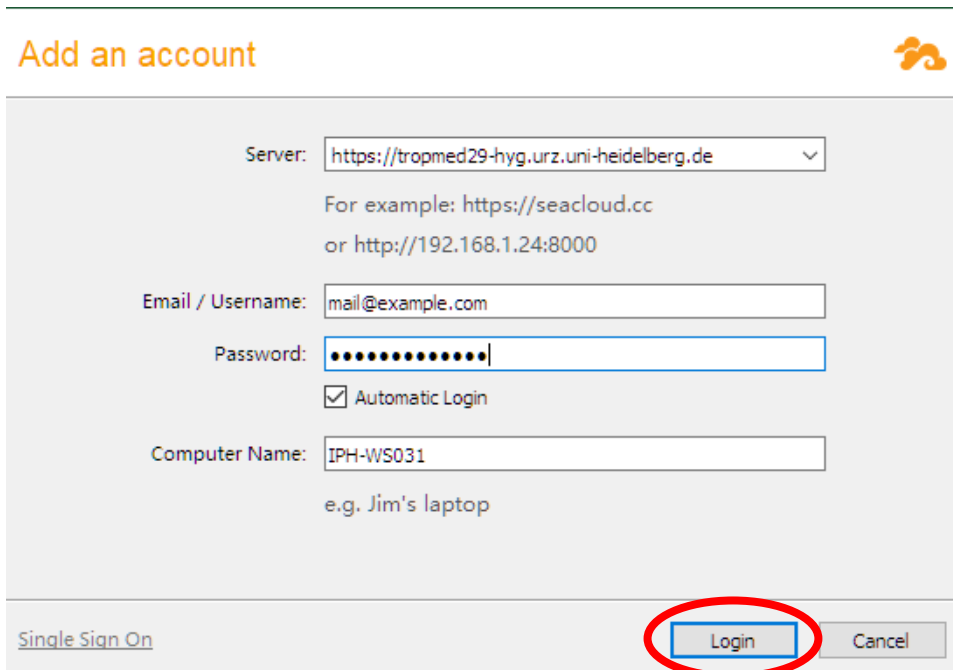


Figure 5: Select an initial synchronization folder and click "Next"

Seafile will now ask you for your connection details. Enter the Server as specified. Your email address and the corresponding password are the ones provided to you by the institute. Pick any computer name to your liking.

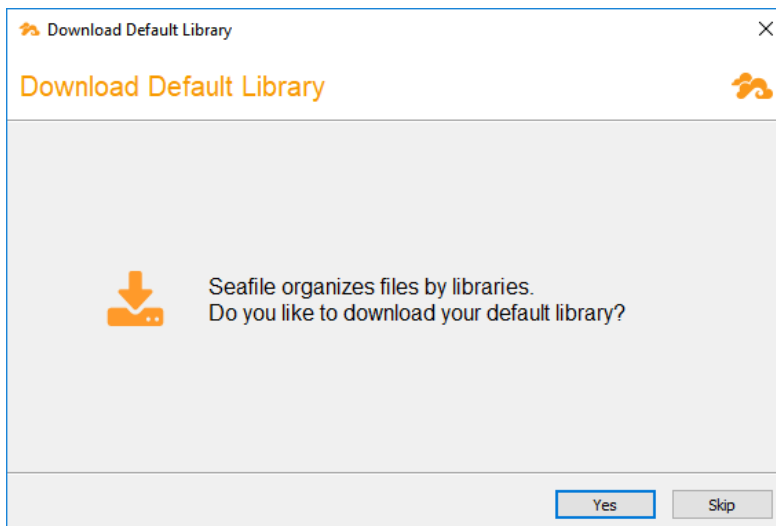


The 'Add an account' dialog box contains the following fields and options:

- Server:** A dropdown menu showing 'https://tropmed29-hyg.urz.uni-heidelberg.de'. Below it, example URLs are provided: 'For example: https://seacloud.cc' and 'or http://192.168.1.24:8000'.
- Email / Username:** A text field containing 'mail@example.com'.
- Password:** A text field with masked characters (dots).
- Automatic Login:** A checked checkbox.
- Computer Name:** A text field containing 'IPH-WS031'. Below it, an example is given: 'e.g. Jim's laptop'.
- Buttons:** At the bottom, there is a 'Single Sign On' link, a 'Login' button (highlighted with a red circle), and a 'Cancel' button.

Figure 6: Enter the connection details and continue by clicking "Login"

Finally, select whether you want to synchronize your default library to your local hard drive. Initially, this will only be dummy files created by Seafile upon setting up your account.



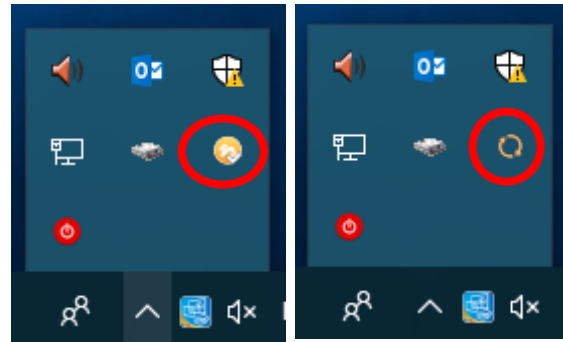
The 'Download Default Library' dialog box contains the following elements:

- Title Bar:** 'Download Default Library' with a close button (X).
- Header:** 'Download Default Library' text and the Seafile logo.
- Content:** A large grey area with a download icon and the text: 'Seafile organizes files by libraries. Do you like to download your default library?'.
- Buttons:** 'Yes' and 'Skip' buttons at the bottom right.

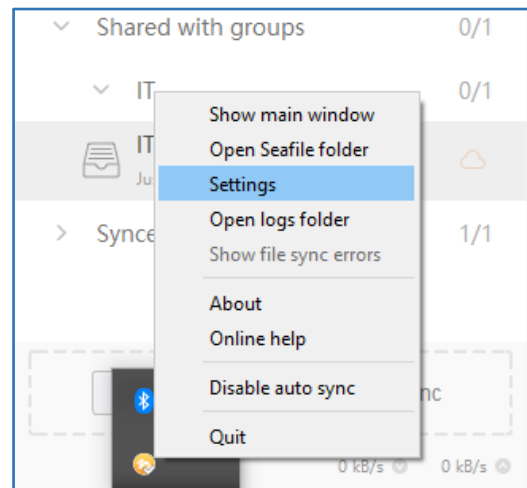
Figure 7: Select whether you want to synchronize the default library to your local hard drive or not

Using the Seafile Desktop Client

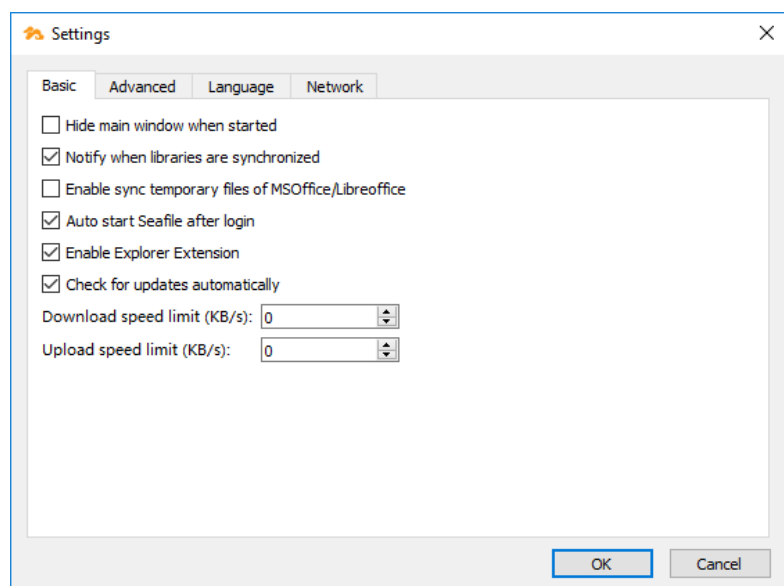
Once the Seafile desktop client is started, an orange icon will appear in the system tray (Windows) or status bar (MacOS). Two spinning arrows indicate that the client is currently synchronizing files.



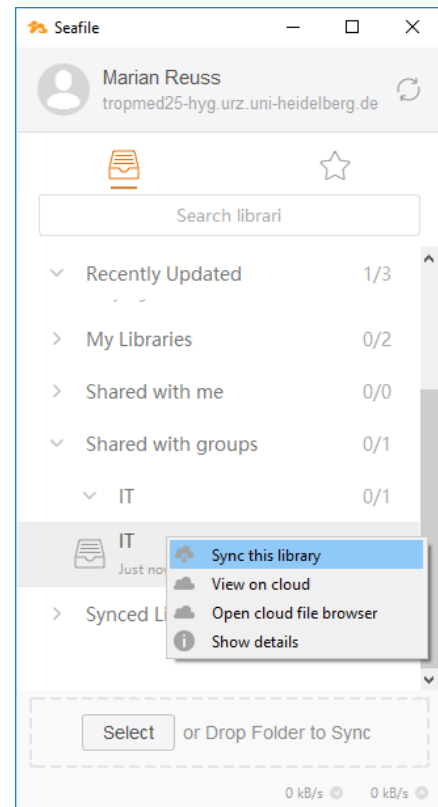
By right-clicking on the icon and selecting *Settings* you advance to the Seafile settings menu.



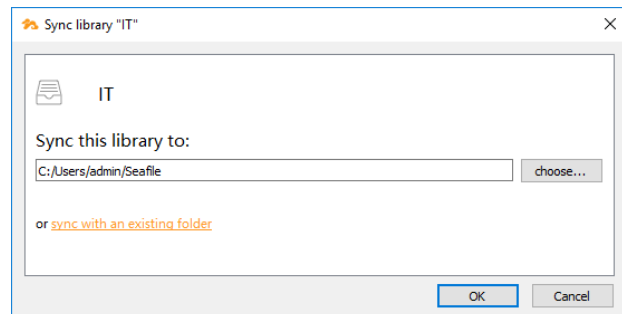
Seafile allows you to specify a variety of settings. It is recommended to enable the option *Auto start Seafile after login*.



Seafile organizes its files in so-called libraries. As a standard setting, the desktop client will only synchronize the libraries you specifically told it to do so. The desktop client will list all libraries created by yourself or those someone else shared with you. You can synchronize a library by right clicking it and selecting *Download and sync this library* from the context menu.



Again, Seafile will prompt you to specify a location. You can either go with the standard Seafile directory or specify a different one.



If you add a file or folder to the synced library (just save the file under “...\\IT\\Examplefolder\\yourfile.pdf” in this example) it will be shared with all users that have access to the library. A green symbol will indicate if the library is up to date