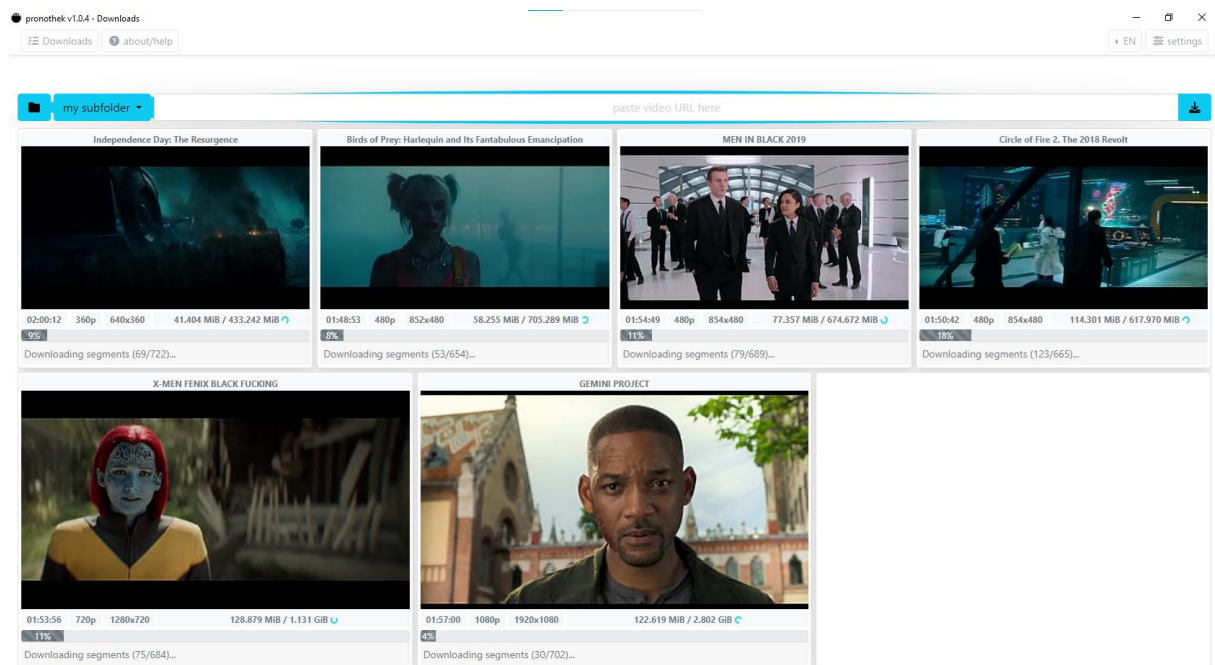


Pronothek Video Downloader

This app is an experiment of mine to convert a .NET6 MVC web application into a fully functional desktop application using Electron .NET. User interactions like configuring storage folders or video editing are rather not common in a classic web application. This is where Electron's strengths come into focus, as it allows you to perform actions closer to the operating system. This app also serves as an experimental environment for me to learn how to use ffmpeg in C#. Currently I'm trying to understand how video streams are working and how you can fetch and convert such data. Maybe this experiment will at least develop into a useful video downloader for various streaming/media. In the current version 1.0.0, only video downloads from xvideos.de are supported, because during my familiarization with ffmpeg I mainly encountered code examples for this kind of media^^. It's really interesting and a bit funny for which kind of applications other developers like to sacrifice their development time. Quite often it has something to do with xxx media :D More download options will probably come gradually as I learn more about videostreams and ffmpeg.



Nuget packages and associated licenses used for the app

- Newtonsoft.Json (<https://licenses.nuget.org/MIT>)
- Esprima (<https://licenses.nuget.org/BSD-3-Clause>)
- ElectronNET.API (<https://licenses.nuget.org/MIT>)
- FFmpeg.AutoGen (<https://www.nuget.org/packages/FFmpeg.AutoGen/6.0.0/license>)
- LiteDB (<https://www.nuget.org/packages/LiteDB/5.0.16/license>)
- SharpGrabber (<https://www.nuget.org/packages/SharpGrabber/2.1.1/license>)
- SharpGrabber.Adult (<https://www.nuget.org/packages/SharpGrabber.Adult/1.0.2/license>)
- SharpGrabber.Hls (<https://www.nuget.org/packages/SharpGrabber.Hls/1.3.0/license>)
- SharpGrabber.YouTube (<https://www.nuget.org/packages/SharpGrabber.YouTube/1.5.0/license>)

External libraries (Automatic download available)

- FFmpeg 6.0 (<https://ffmpeg.org/legal.html>)

Download and Install

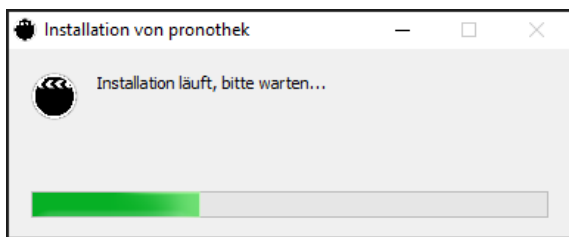
The following variants of Pronothek are available for download on GitHub:

<https://github.com/hswlab/dist-pronothek/releases>

1. pronothek-portable.exe
2. pronothek-setup.exe

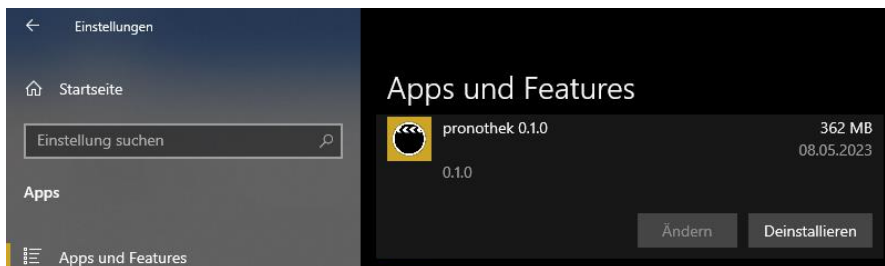
The portable version can be executed directly without installation. However, starting this app takes a little longer than with the installed version. The installation is started by clicking on the pronothek-setup.exe. The app is stored in the following directory.

„C:\Users\UserName\AppData\Local\Programs\pronothek“



Uninstall

As with all Windows programs, the uninstall can be done under "Apps and Features".

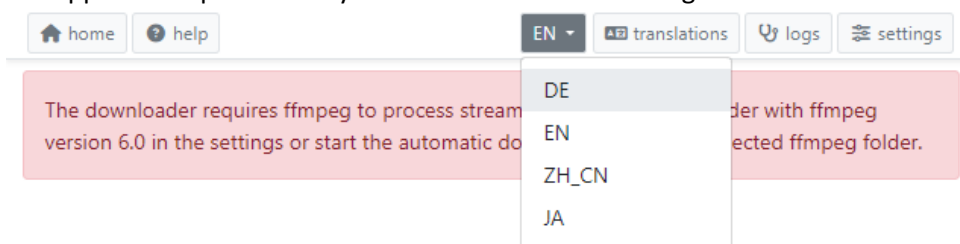


Updates

For a new version, a button with the version name is displayed in the header of the app. The update can be started either in the app by clicking on the version button or by downloading the current version again on GitHub. The latter is recommended because the update process via the GitHub server takes a little longer.

Multilanguage

Pronothek currently supports the languages German, English, Chinese and Japanese. Further translations can be added on request. The language can be changed in the header menu after starting the app. The help PDF is only available in German and English.



Configuration of ffmpeg 6.0


Pronothek requires the ffmpeg 6.0 libraries to process downloaded video streams. The library is not included in the installation, but can be set up automatically in the settings. After starting, a corresponding message will be displayed.


The downloader requires ffmpeg to process streams. Please select the folder with ffmpeg version 6.0 in the settings or start the automatic download into the preselected ffmpeg folder.

If the message appears, click on the Settings button to switch to the Settings view. If ffmpeg 6.0 is already available on the PC, you can select the corresponding folder here with the "select folder" button. (Don't forget to save)

ffmpeg path

C:\Users\paxilab\AppData\Roaming\ffmpeg

 download ffmpeg

 select folder

If ffmpeg 6.0 does not yet exist on the PC, the proposed folder can be kept for download. By clicking on "download ffmpeg" the missing libraries are automatically downloaded and unpacked. After a successful download, the ffmpeg input field should no longer be highlighted in red.

Preferred download quality

Many video portals offer a selection of different resolutions of a video. The following setting can be used to configure the maximum quality that should always be downloaded automatically. If the selected video quality is not available, the next possible lower quality will be downloaded automatically.

preferred download quality ⓘ

2160p (4k) ▼

2160p (4k)

1440p (HD)

1080p (HD)

720p

480p

360p

240p

144p

Configure storage paths

The temporary folder is used to store unfinished downloads and stream segments. This folder is automatically cleaned up when a download is finished. The path can be left unchanged or an alternate path can be configured. (Don't forget to save)

temp path




Unless otherwise configured, the downloaded files are stored in the default Windows download directory.


download path



The save path can also be quickly changed via the folder icon on the home page.

storage path:
C:\Users\pixilab\Downloads








no subfolder ▾

If no subfolder is selected, the downloads are saved directly to the configured download folder. Clicking on the dropdown, to the right of the folder icon, opens a selection of subfolders. A new subfolder can also be quickly created or deleted here. Subfolders that already contain data will not be deleted.

subfolder

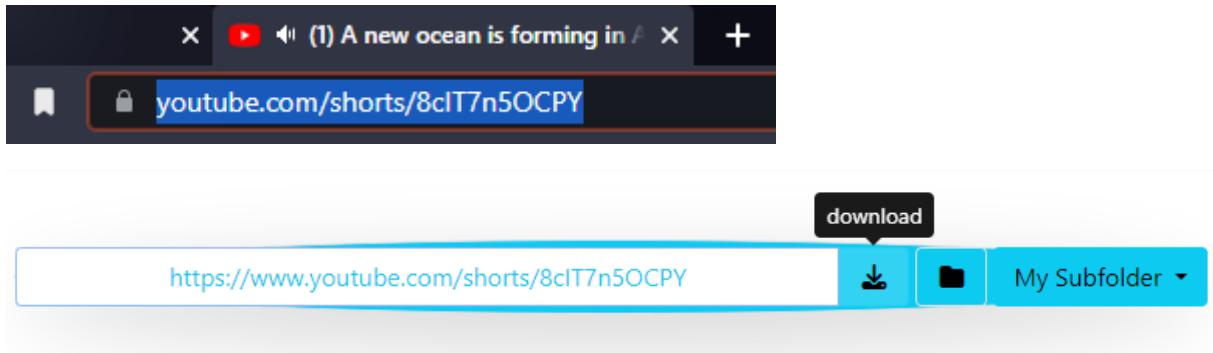
 no subfolder ▾



Subfolder 

Download

To download a video, navigate to the view in your browser where the video can be played and copy the browser URL into the input field on the homepage of pronothek. Click on the download button to start the download.



An ongoing download is displayed by means of a tile with a progress bar. When the download is complete, the tile disappears.

