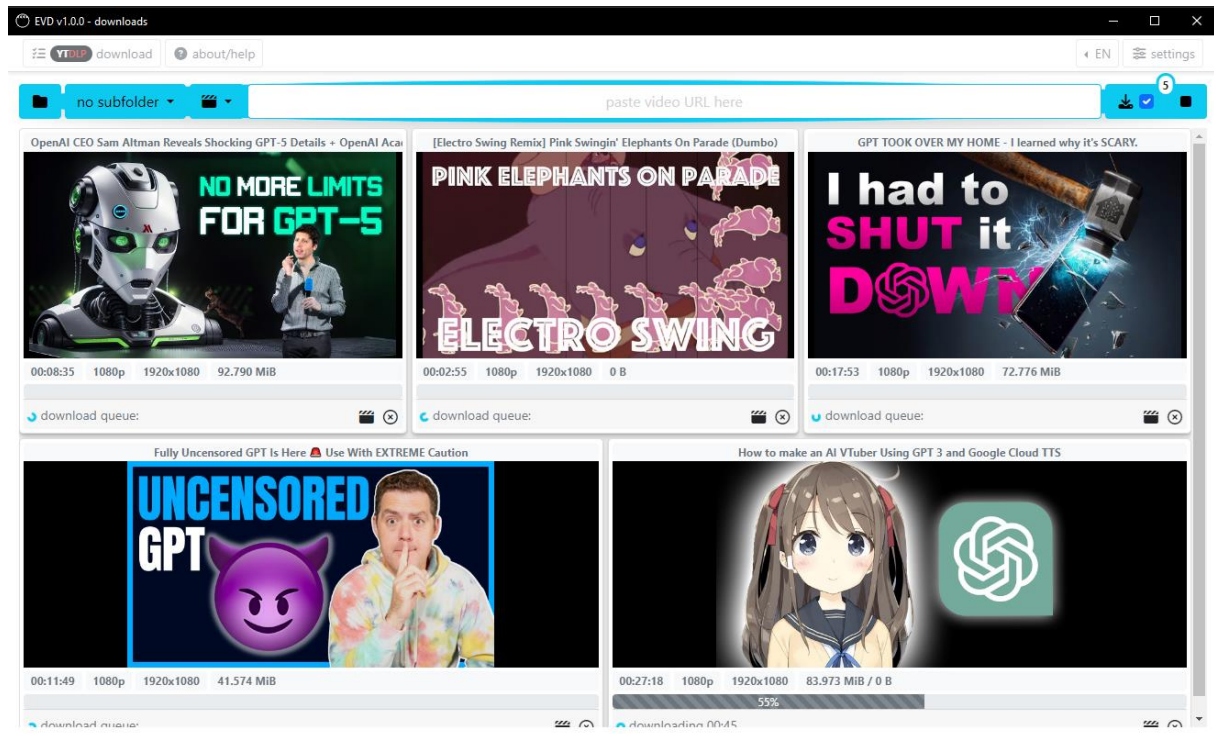


# Electron Video Downloader (EVD)

EVD is a graphical user interface for the well-known media downloader yt-dlp. In principle, this supports downloads from all video portals that would be possible with yt-dlp. A full list of supported pages can be found at this link.

<https://raw.githubusercontent.com/yt-dlp/yt-dlp/master/supportedsites.md>

The user interface is based on .NET6 and Electron. For the download and conversion of video and audio, the ffmpeg and yt-dlp library is required. The external libraries can be downloaded and set up automatically in the settings view. A detailed description can be found in this help PDF.



## Nuget packages and associated licenses used in EVD

- Newtonsoft.Json (<https://licenses.nuget.org/MIT>)
- Esprima (<https://licenses.nuget.org/BSD-3-Clause>)
- ElectronNET.API (<https://licenses.nuget.org/MIT>)
- LiteDB (<https://www.nuget.org/packages/LiteDB/5.0.16/license>)
- YoutubeDLSharp (<https://licenses.nuget.org/BSD-3-Clause>)

## External libraries (Automatic download available)

- FFmpeg 6.0 (<https://ffmpeg.org/legal.html>)
- yt-dlp (<https://github.com/yt-dlp/yt-dlp/blob/master/LICENSE>)

## Download and Installation

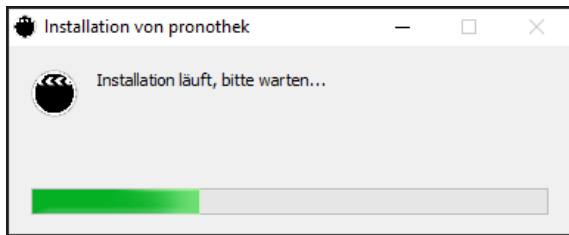
The following variants of EVD are available for download on GitHub:

<https://github.com/hswlab/evd/releases>

1. evd-portable.exe
2. evd-setup.exe

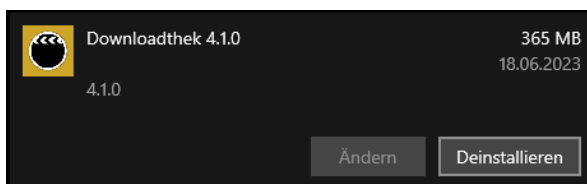
The portable version can be executed directly without installation. However, starting this app takes a little longer than with the installed version. The installation is started by clicking on the evd-setup .exe. The app is stored in the following directory.

„C:\Users\Benutzername\AppData\Local\Programs\evd“



## Deinstallation

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

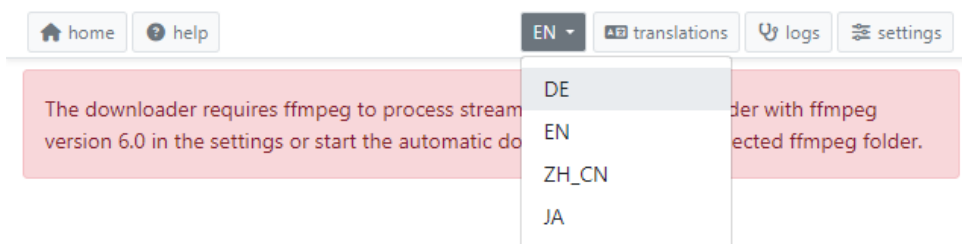


## Updates

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

EVD 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.

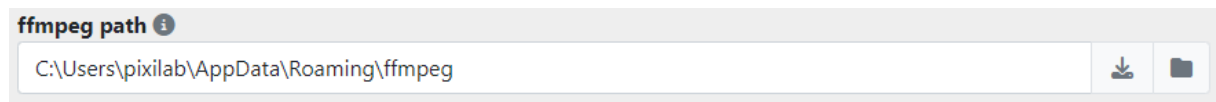


## Configuration of ffmpeg 6.0

EVD 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)

A screenshot of a software interface showing a text input field labeled "ffmpeg path" with an information icon. The field contains the path "C:\Users\pixilab\AppData\Roaming\ffmpeg". To the right of the field are two icons: a download icon and a folder selection icon.

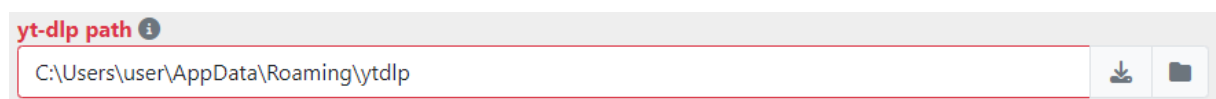
If ffmpeg 6.0 does not yet exist on the PC, the suggested folder can be kept for download. By clicking on "download ffmpeg" the missing libraries are automatically downloaded and unpacked. After a successful download, the ffmpeg input field should no longer be highlighted in red.

## Configuration of yt-dlp

EVD requires the yt-dlp libraries to find and download media. 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 needs yt-dlp to find streams. Please select the folder with yt-dlp in the settings or start the automatic download to the preselected yt-dlp folder.

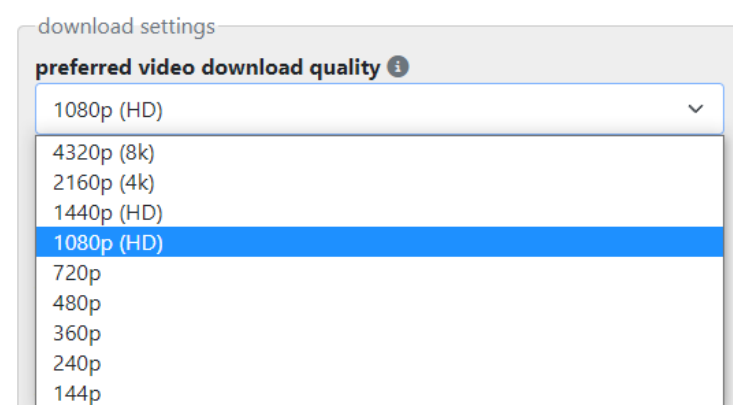
If the message appears, click on the Settings button to switch to the Settings view. If yt-dlp is already available on the PC, the corresponding folder can be selected here with the "select folder" button. (Don't forget to save)

A screenshot of a software interface showing a text input field labeled "yt-dlp path" with an information icon. The field contains the path "C:\Users\user\AppData\Roaming\ytdlp" and is highlighted with a red border. To the right of the field are two icons: a download icon and a folder selection icon.

If yt-dlp does not already exist on the PC, the suggested folder can be kept for download. With a click on "download yt-dlp" the missing libraries are automatically downloaded and unpacked. After a successful download, the yt-dlp input field should no longer be highlighted in red.

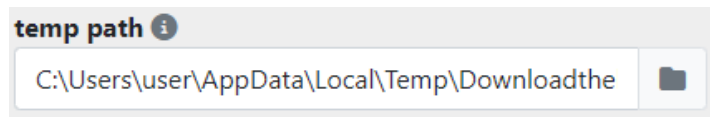
## Preferred download quality

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.

A screenshot of a "download settings" dialog box. It features a section titled "preferred video download quality" with an information icon. Below this is a dropdown menu showing a list of video resolutions. The resolutions listed are 1080p (HD), 4320p (8k), 2160p (4k), 1440p (HD), 1080p (HD), 720p, 480p, 360p, 240p, and 144p. The "1080p (HD)" option is currently selected and highlighted in blue.

## Configure storage paths

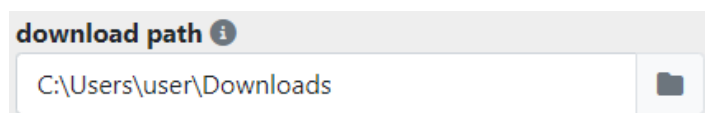
The temporary folder stores unfinished downloads and stream segments. This folder is automatically cleaned up when a download is finished. The path can be left unchanged or an alternate path can be configured. (Don't forget to save)

A settings panel titled "temp path" with an information icon. It contains a text input field with the path "C:\Users\user\AppData\Local\Temp\Downloadthe" and a folder icon button to its right.

temp path ⓘ

C:\Users\user\AppData\Local\Temp\Downloadthe

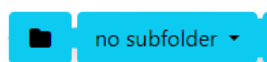
Unless otherwise configured, the downloaded files are stored in the default Windows download directory.

A settings panel titled "download path" with an information icon. It contains a text input field with the path "C:\Users\user\Downloads" and a folder icon button to its right.

download path ⓘ

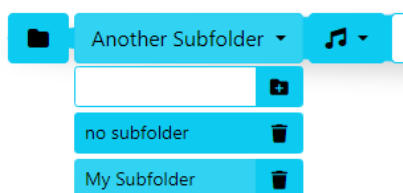
C:\Users\user\Downloads

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

A blue button with a folder icon and the text "no subfolder" followed by a dropdown arrow.

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.

A subfolder selection menu. It starts with a blue button containing a folder icon, the text "Another Subfolder", and a dropdown arrow. To its right is a blue button with a music note icon and a dropdown arrow. Below the first button is a list of subfolders: an empty text input with a plus icon, "no subfolder" with a trash icon, and "My Subfolder" with a trash icon.

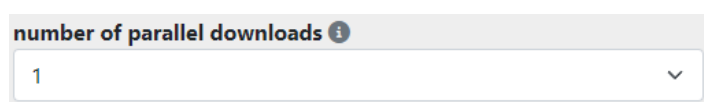
Another Subfolder ▾

no subfolder

My Subfolder

## Configure number of simultaneous downloads

A maximum of 1-4 downloads can run at the same time. When the application is first launched, only 1 simultaneous download is preconfigured. This can be changed in the settings.

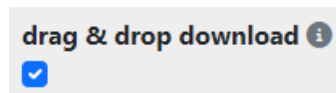
A settings panel titled "number of parallel downloads" with an information icon. It contains a dropdown menu currently showing the value "1".

number of parallel downloads ⓘ

1 ▾

## Configure download with drag & drop

Downloads can be started automatically by dragging and dropping a URL. To do this, the corresponding option must be activated.

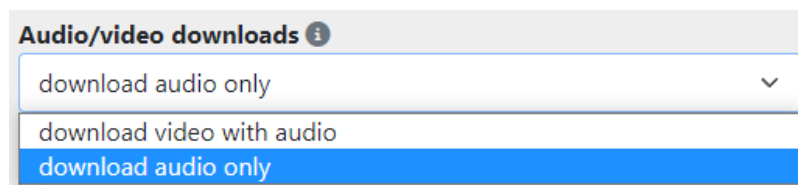


This option can also be changed directly on the download overview page. If the checkbox is deactivated, the download can be started manually with the "Play button".

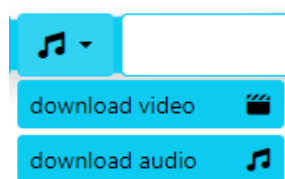


## Audio/Video Downloads

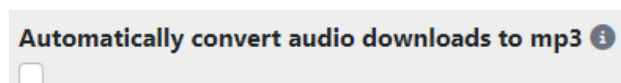
This option can be used to specify whether only the audio track should be downloaded.



The download type can also be changed directly in the download view.

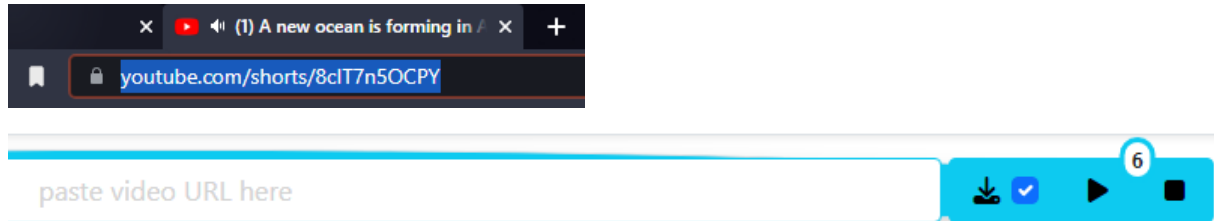


In the settings view, the conversion to mp3 can also be activated. This will automatically convert audio downloads to mp3. During the conversion, downloads are interrupted and the conversion to mp3 takes significantly more time!

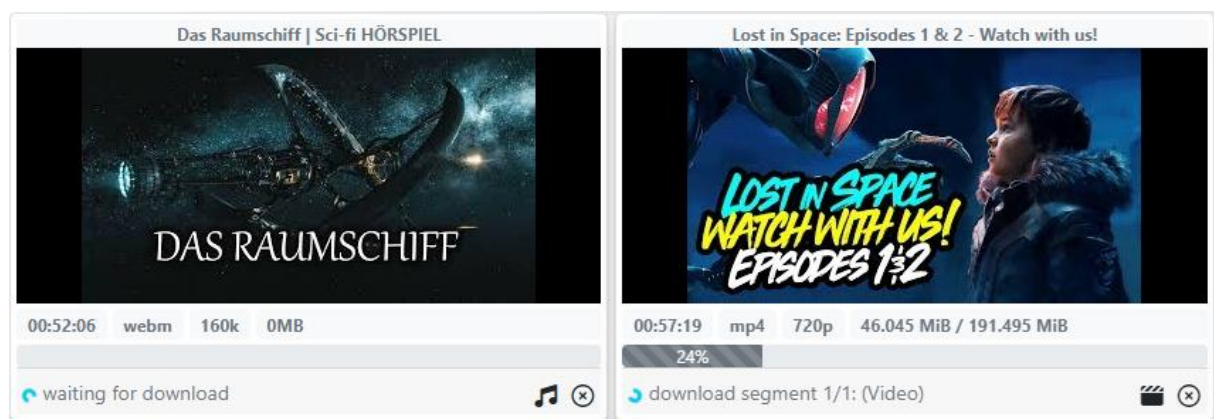


## Download

To download a video, navigate to the video player view in your browser window and copy the URL into the input field on the EVD homepage. Click on the Play button to start the download. If the checkbox is set next to the play button, the download will start immediately with the addition of a URL.



The number between the Play and Stop buttons shows the number of all downloads in the download queue. The Stop button ends all downloads and empties the download queue. For each download in the download queue, a tile with a preview image is created in the overview.



Active downloads can be recognized by a moving progress bar. A maximum of 4 active downloads can run at the same time. To cancel a download, you can use the x button at the bottom right of the tile. An audio or video download can be recognized by the icon next to the cancel button. During a download, the navigation bar in the header is locked so that changes to certain basic settings cannot affect an ongoing download. The storage path and subfolder can also be changed during a download. However, these changes will not affect downloads that have already begun.