



Alan German & Chris Taylor

Ottawa PC Users' Group

May 4, 2022



How do I...

8. Take a picture?

9. Take a video?





1. Load the camera app
2. Point the phone at the subject
3. Press the button*
4. Now, find where the photo is stored!

** Note also the options for Video, Portrait, Fun, More*



Select Video mode

Take picture is now
the **Record** button



Multiple cameras

- Telephoto 2-10x
- Wide angle 0.5x

** Lots more icons with more options and adjustments*

Fun Mode (several options)





.ics files and Google Calendar

- When registering for event
 - I click *Add to Calendar*
 - .ics file is downloaded to computer
 - double-click .ics file
 - wants to add calendar item to Microsoft Calendar

I use *Google Calendar*

- how can I double-click an .ics file to create a calendar item in *Google Calendar*



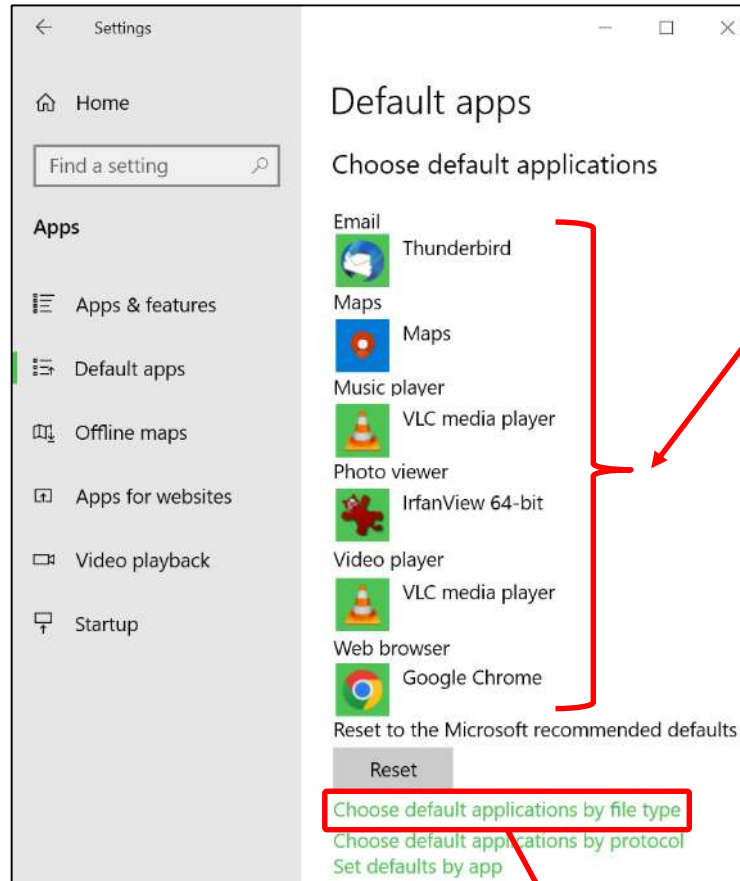
Google Calendar

A .ics files and Google Calendar

- 1988: Internet Engineering Task Force creates iCalendar file format
 - plain text files containing info about a calendar event
 - title
 - summary & description
 - start/end times
 - location
 - alert trigger
- Most calendar programs should accept .ics files



Default .ics files to Google Calendar

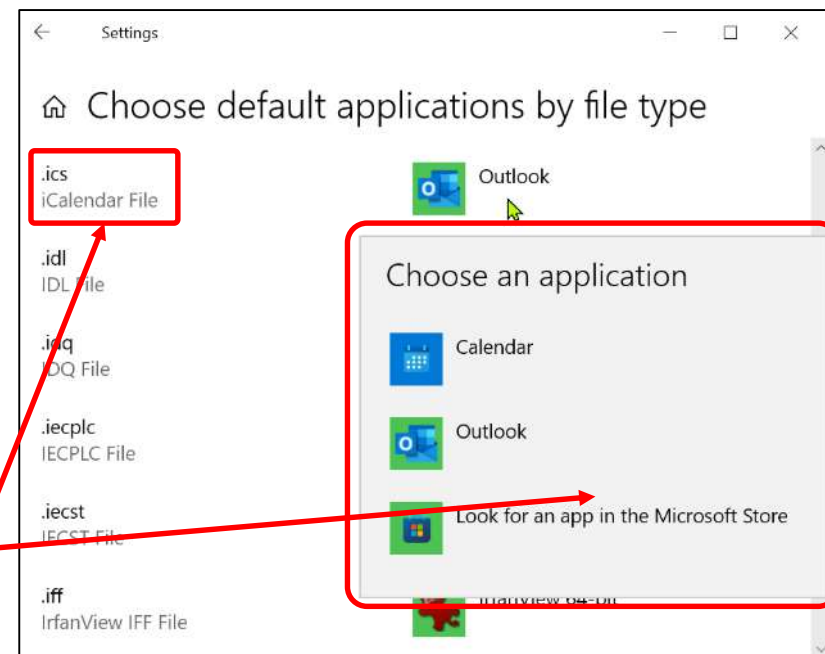


Settings | Apps | Default apps

- no category for *Calendar*

Choose default application by file type

- no choice for *Google Calendar*

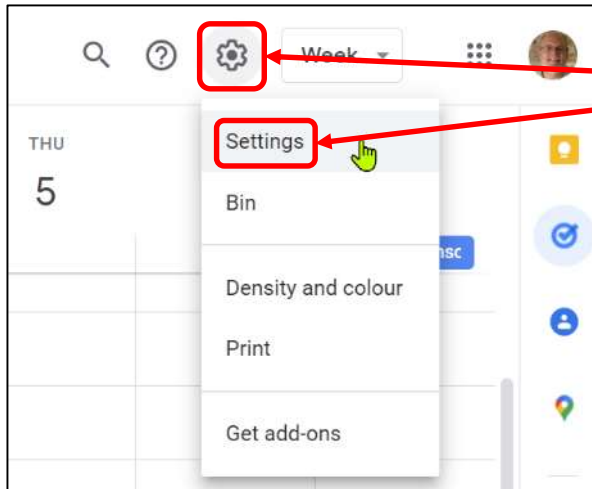


A .ics files and Google Calendar

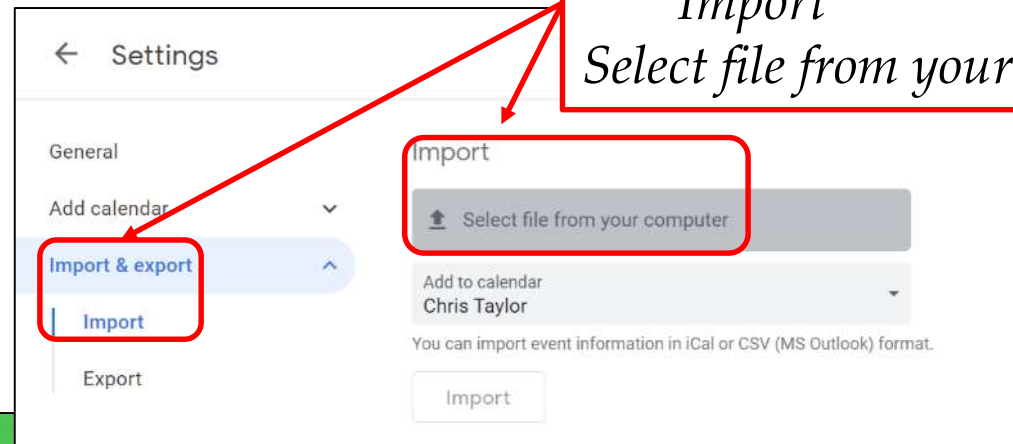
- Web-based calendars
 - typically can't be associated with .ics files
 - but you can import them!

A

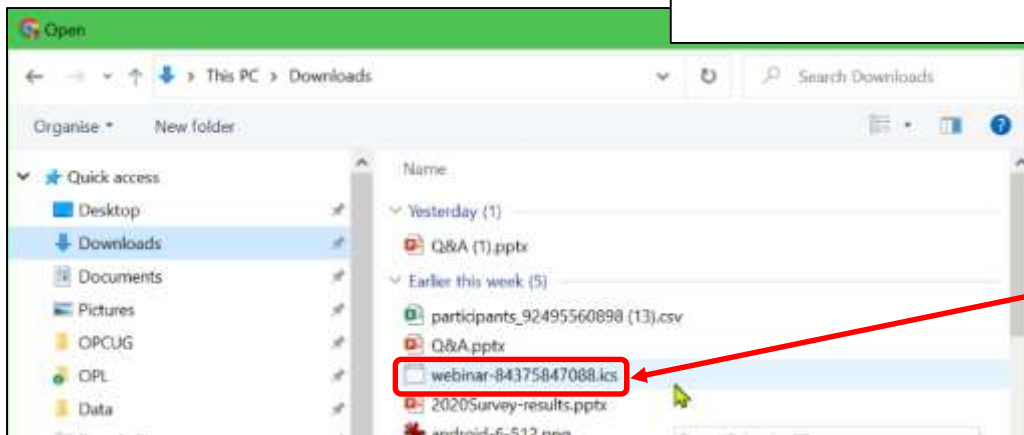
.ics files and Google Calendar



Google Calendar
Gear icon
Settings



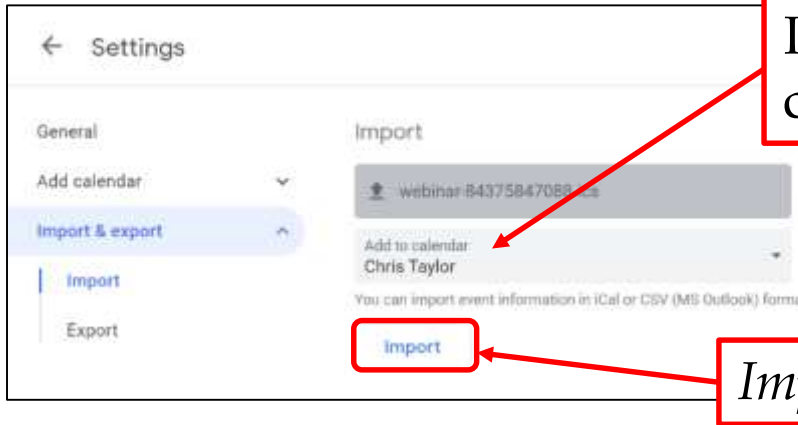
Import & export
Import
Select file from your computer



select your .ics file

A

.ics files and Google Calendar



← Settings

General

Add calendar

Import & export

Import

Export

Import

Webinar: 84375847088.ics

Add to calendar: Chris Taylor

You can import event information in iCal or CSV (MS Outlook) format.

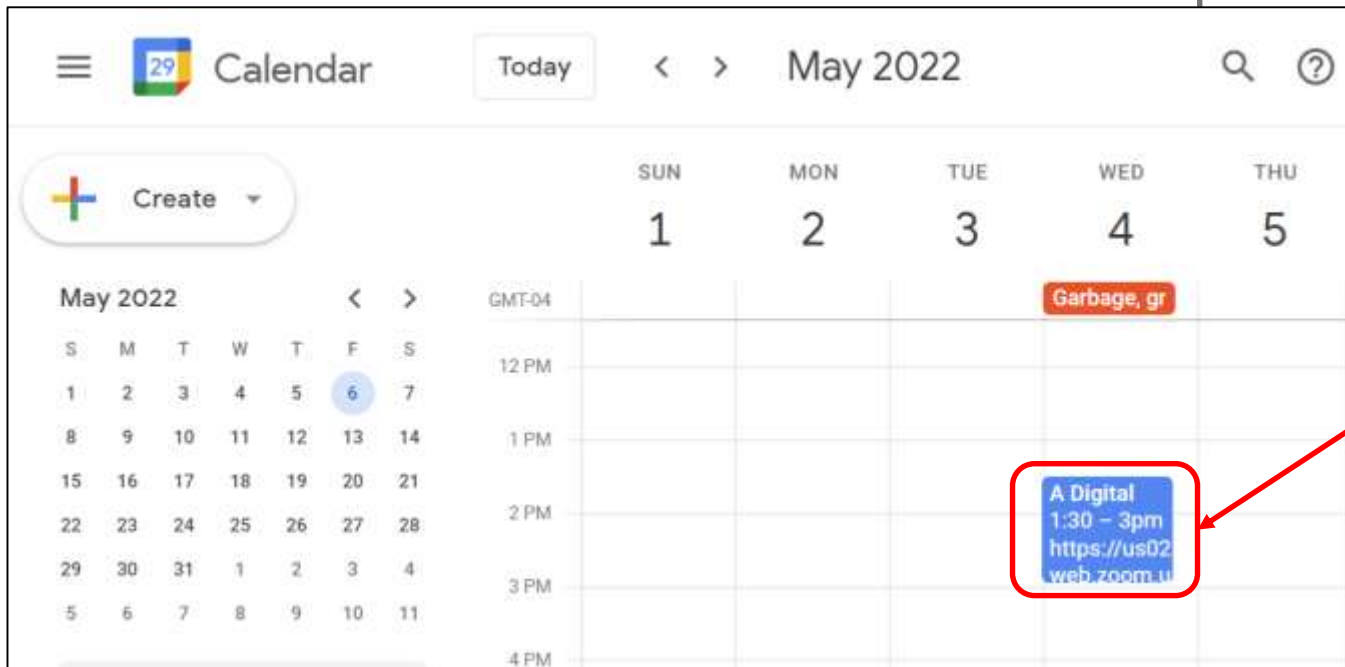
Import

If you have multiple calendars select one you want

Import button

Imported 1 out of 1 event.

OK



Calendar

Today

< > May 2022

Create

SUN MON TUE WED THU

1 2 3 4 5

May 2022

GMT-04

12 PM

1 PM

2 PM

3 PM

4 PM

Garbage, gr

A Digital
1:30 - 3pm
<https://us02web.zoom.us>

calendar item imported



Troubleshooting Email

Email is rejected by sympatico.ca
recipient addresses

From Mail Delivery System <Mailer-Daemon@srv06.datona-1.com> ☆
Subject **Mail delivery failed: returning message to sender**
To Me <alan.german@opcug.ca> ★

This message was created automatically by mail delivery software.

A message that you sent could not be delivered to one or more of its recipients. This is a permanent error. The following address(es) failed:

xxxxxx@[sympatico.ca](mailto:xxxxxx@sympatico.ca)

all hosts for 'sympatico.ca' have been failing for a long time (and retry time not reached)



Subject: Request for Q's etc.
From: Alan <alan.german@opcug.ca>
Date: 2022-04-22, 8:33 a.m.
To: xxx@sympatico.ca
Return-path: <alan.german@opcug.ca>
Received: from [67.70.17.17] (port=59332 helo=[192.168.2.16]) by srv06.datona-1.com with esmtpsa (TLS1.2) tls TLS_ECDHE_RSA_WITH_AES_128_GCM_SHA256 (Exim 4.95) (envelope-from <alan.german@opcug.ca>) id 1nhsU5-0000EA-0D for xxx@sympatico.ca; Fri, 22 Apr 2022 05:33:58 -0700
Message-ID: <ba3292b8-f9fe-c6be-6095-2285613332df@opcug.ca>
MIME-Version: 1.0
User-Agent: Mozilla/5.0 (X11; Linux x86_64; rv:91.0) Gecko/20100101 Thunderbird/91.7.0
Content-Language: en-US
Content-Type: text/plain; charset=UTF-8; format=flowed
Content-Transfer-Encoding: 8bit

Relevant parameters?

ISP:	Bell Canada (IP 67.70.17.17)
Outgoing server:	srv06.datona-1.com (Toonie Hosting)
Recipient:	xxx@sympatico.ca
Email client:	Thunderbird

- Several (all?) sympatico.ca addresses reject mail
- Mail sent/received normally for all other servers
- Problem only started a few days ago
- Prior to that I was able to send messages to users with sympatico addresses
- I haven't changed any settings



- Toonie Hosting says:
 - (a) an SMTP error, 554 Access Denied, is being received from the remote mail server
 - (b) my IP address is blacklisted
 - (c) this issue is not on our side
(and, therefore, is a Bell problem)
- Bell says:
 - (a) I'm not using bell.net
 - (b) Thunderbird settings might be the problem
 - (c) my IP address isn't blacklisted
 - (d) the problem is at Toonie Hosting

SuperTool Beta7

[Blacklist Check](#)

blacklist:67.70.17.17

[Monitor This](#)
[Solve Email Delivery Problems](#)
[🔄 blacklist](#)

⚠️ We notice you are on a blacklist.

[Click here for some suggestions](#)

Checking **67.70.17.17** against **82** known blacklists...

Listed **2** times with **2** timeouts

	Blacklist	Reason	TTL	ResponseTime	
✖ LISTED	SORBS DUHL	67.70.17.17 was listed Detail	3600	3	Ignore
✖ LISTED	Spamhaus ZEN	67.70.17.17 was listed Detail	300	1	Ignore
✔ OK	0SPAM			43	
✔ OK	Abuse.ro			120	
✔ OK	Abusix Mail Intelligence Blacklist			1	
✔ OK	Abusix Mail Intelligence Domain Blacklist			1	

[Home](#)[All Tools](#)[DNS Lookup](#)[ISP DNS Servers](#)[Public DNS List](#)[Get Android App](#)

IP Blacklist & Email Blacklist Check

Check any IP Address or an Email domain name IP in anti-spam databases instantly to know whether it is blacklisted or not.

Enter Domain/IP/Email Address to Check in Blacklist:



67.70.17.17

Use any IP | Domain or Your Own IP

Check in Blacklists

Note: It takes 20 to 40 seconds to check blacklists.

dnsbl.inps.de

No

dnsbl.sorbs.net

Yes

dnsbl.spfbl.net

Yes

drone.abuse.ch

No

duinv.aupads.org

No

dul.dnsbl.sorbs.net

Yes

dyna.spamrats.com

No

What next?

- I can use Gmail (webmail), set Gmail as the outgoing server, or even use a bell.net account to workaround the problem
- But, I'm paying Bell as my ISP, and Toonie for my mail/web hosting services, so which one should fix the actual problem?
- And, given the 554 error, what is the problem?!!!



Share

Replying to Gmail on Chromebook



- Problem:
 - Gmail app on a Chromebook
 - *Reply/Reply all/Forward* an email
 - blank *Compose* window opens
- Workaround
 - use browser-based Gmail to reply
 - *almost* useless
 - Gmail browser screen way too cluttered on lower-resolution devices

Share

Replying to Gmail on Chromebook



- Complained using in-app feedback function
 - no response
- Many posts at support.google.com over *months*
 - many experiencing the exact issue
 - useless advice from developers
 - no admission there is a problem
- Solution from a forum user at support.google.com
 - *Double-click* the *Reply* button
 - works!
 - hopefully a proper fix will come





The laptop from He!!

- Windows 10 is broken (badly!) on a friend's laptop
- The hard drive is encrypted with Bitlocker
- The Bitlocker password is unknown
- Tried to recover the Bitlocker key from the Microsoft account but the password for that doesn't work
- If I blow away all the disk partitions can I install Windows 10 to the unallocated space using the installation media downloaded from MS's website?



Microsoft



Support

Microsoft 365

Office

Windows

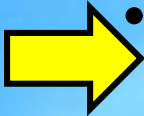
Surface

Create installation media for Windows

Windows 10, Windows 8.1, Windows 7

A New Presentation Series!!!

This is the first presentation in a series that will include:

- 
- How to download videos and audio from YouTube using Video DownloadHelper**
 - How to download or capture videos using Debut Video Capture and Screen Recorder Software**
 - How to do still and video screen capture using ScreenHunter Pro all-in-one screen capture and screen recording software**
 - How to capture (rip) audio from a video file and how to take a screenshot of the current video frame using GOM Player**
 - How to rip your CD's to MP3's using Express Rip CD Ripper**
 - How to edit the tags (metadata) for your MP3's**

Video and Audio Tools Series

- The series will focus on using the various software tools at a basic level of functionality to get the job done.
- Most of these software tools have functionality way beyond what we are going to cover, and there is some overlap in functionality between the current versions of the various tools we'll be looking at.
- The tools featured may not necessarily be the best tool for any particular task, but they get the job done.
- As much as possible I've tried to select tools that are free, or that have free versions available.

How to Download Videos and Audio from YouTube Using Video DownloadHelper

Bob Walker

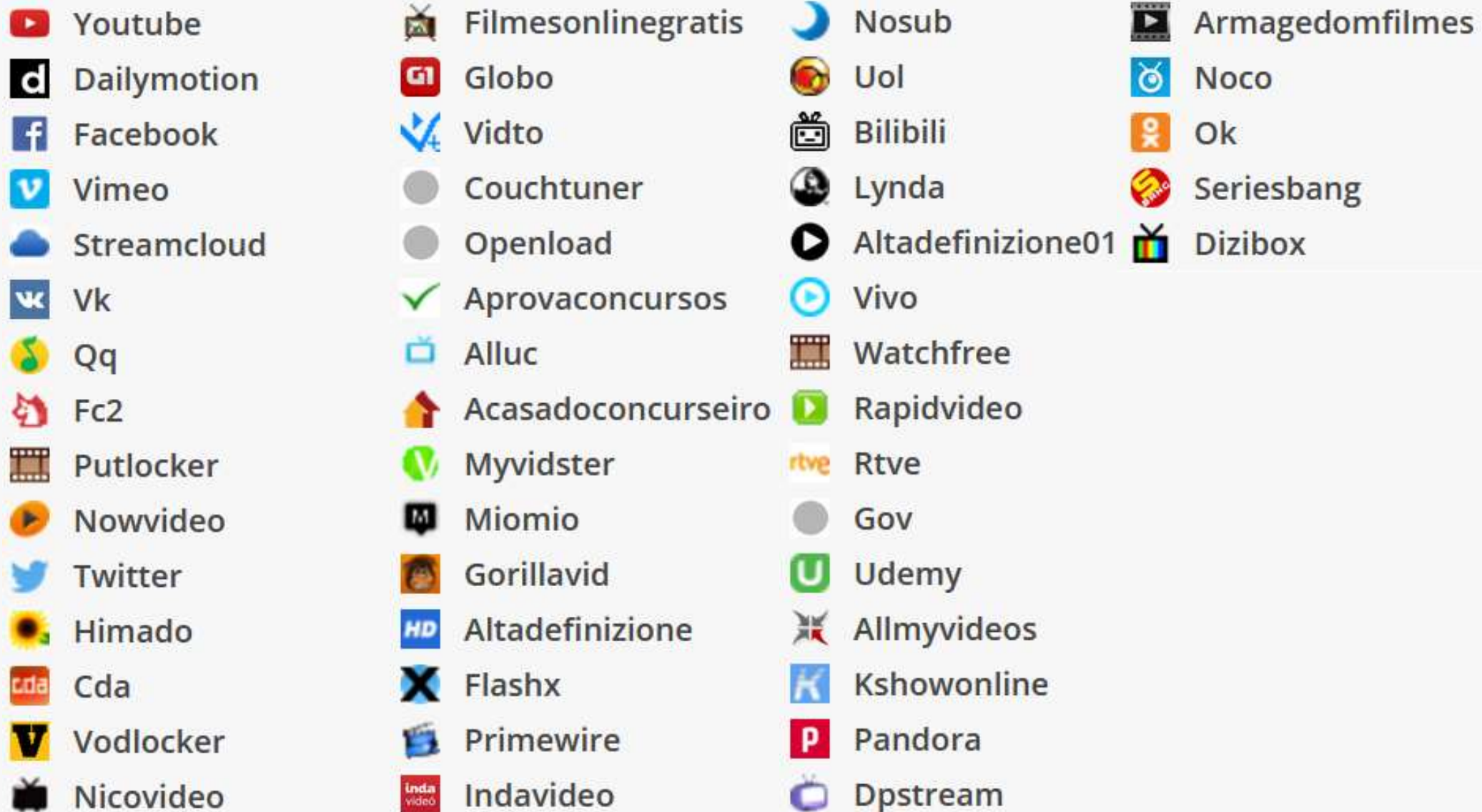


Video DownloadHelper

Video DownloadHelper is an extension for the Firefox and Google Chrome web browsers. It allows the user to download videos or just the audio portions of videos from sites like YouTube that stream videos through HTTP, HLS, DASH and other formats.

Video DownloadHelper does NOT work on all sites, or on all of the videos on any particular site. We'll cover how to get those videos in future sessions.

Just some of the sites you can download from





Why Firefox?



Since Google owns YouTube, and since one of Google's prime missions is to make you live your digital life in the cloud so they can track your every move, the functionality of the Google Chrome version of Video DownloadHelper is sometimes blocked by Google, so we'll focus on the Firefox version.

You may recall from my earlier series *'Privacy On The Internet'*, Firefox is one of the better privacy oriented browsers, while Google Chrome is at the other end of the privacy spectrum.

As of December 2019, Video DownloadHelper is the third most popular extension for Firefox (after Adblock Plus and uBlock Origin) and the second most popular Mozilla-recommended extension with 2,848,968 users.

There's now an Edge version of Video DownloadHelper as well.

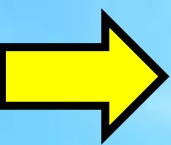
Why Download Videos and Audios?

Why would you want to download videos and the audio portions of videos when they are readily available online?

- What about when you're not online for whatever reason?
- The video that's online today may NOT be online tomorrow.
- Downloaded videos don't have ads!
- You can often find music on YouTube that you can't find on iTunes or elsewhere, especially if you're after a rare version.
- You may want to group a collection of videos together with other associated files such as:
 - Videos, audios and stories of a particular artist like Adele or U2,
 - Videos and other instructions on how to fix your 1996 Honda Accord or restore your 1970 MGB or how to make PowerPoint presentations or how to install a water softener

What is the Converter App for Video DownloadHelper?

There is a Converter App associated with Video DownloadHelper. This is an external program installed on your computer that is called in the background to perform operations that could NOT be carried out just from the browser extension. It is required in 3 situations:

- 
- **Aggregating audio and videos:** Some online videos are not available as a single file, but instead the video and the audio are streamed or downloaded separately then assembled locally by your browser for viewing or by the converter to generate (aggregate) a single file.
 - **Download & Converting:** Video DownloadHelper can convert the video to a different format as it downloads the file. This includes downloading just the audio portion of the video.
 - **Converting local files:** VDH can convert a video file that you already have on your computer to a different format.

Licensing the Converter

The Video DownloadHelper itself is free and doesn't require registration. An unregistered version of the Converter is free, but registration only costs ~USD\$16* and is usable on a reasonable number of computers (the developers have to eat too). If you DON'T register it:

- Converted videos will have a QR code in the converted or aggregated videos.
- You won't be able to convert videos directly to mp3 audio files.
- You won't have access to support for the conversion feature.
- You'll have a restriction on HLS downloads (otherwise you can download one file every 2 hours).

* - Payment is handled by Stripe, not PayPal

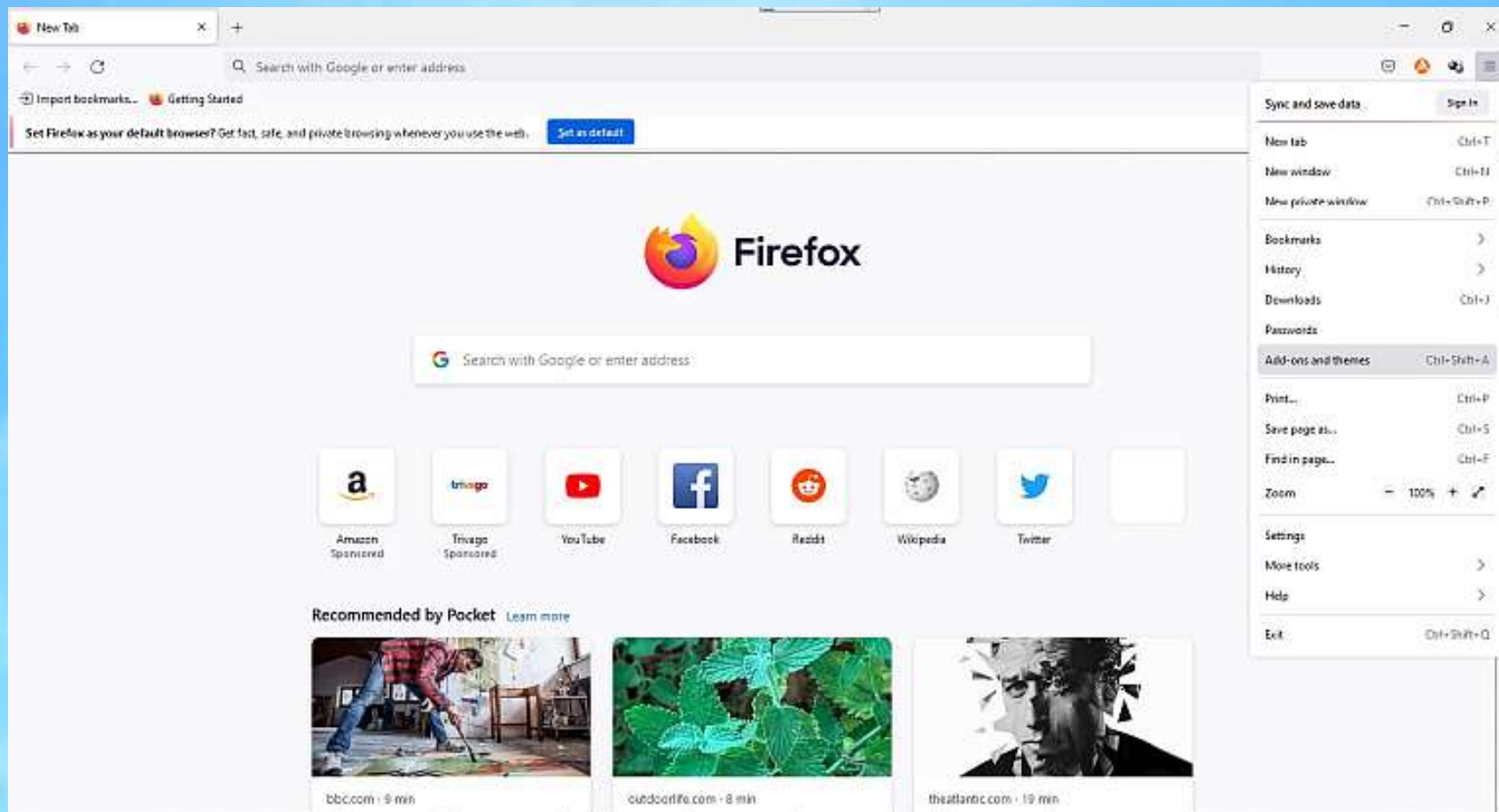
Licensing the Converter

Adele 'Easy On Me' at the 2021 NMA Awards video with the QR code. Note that on some videos the QR code is much bigger and centered vertically like the yellow outlined box.



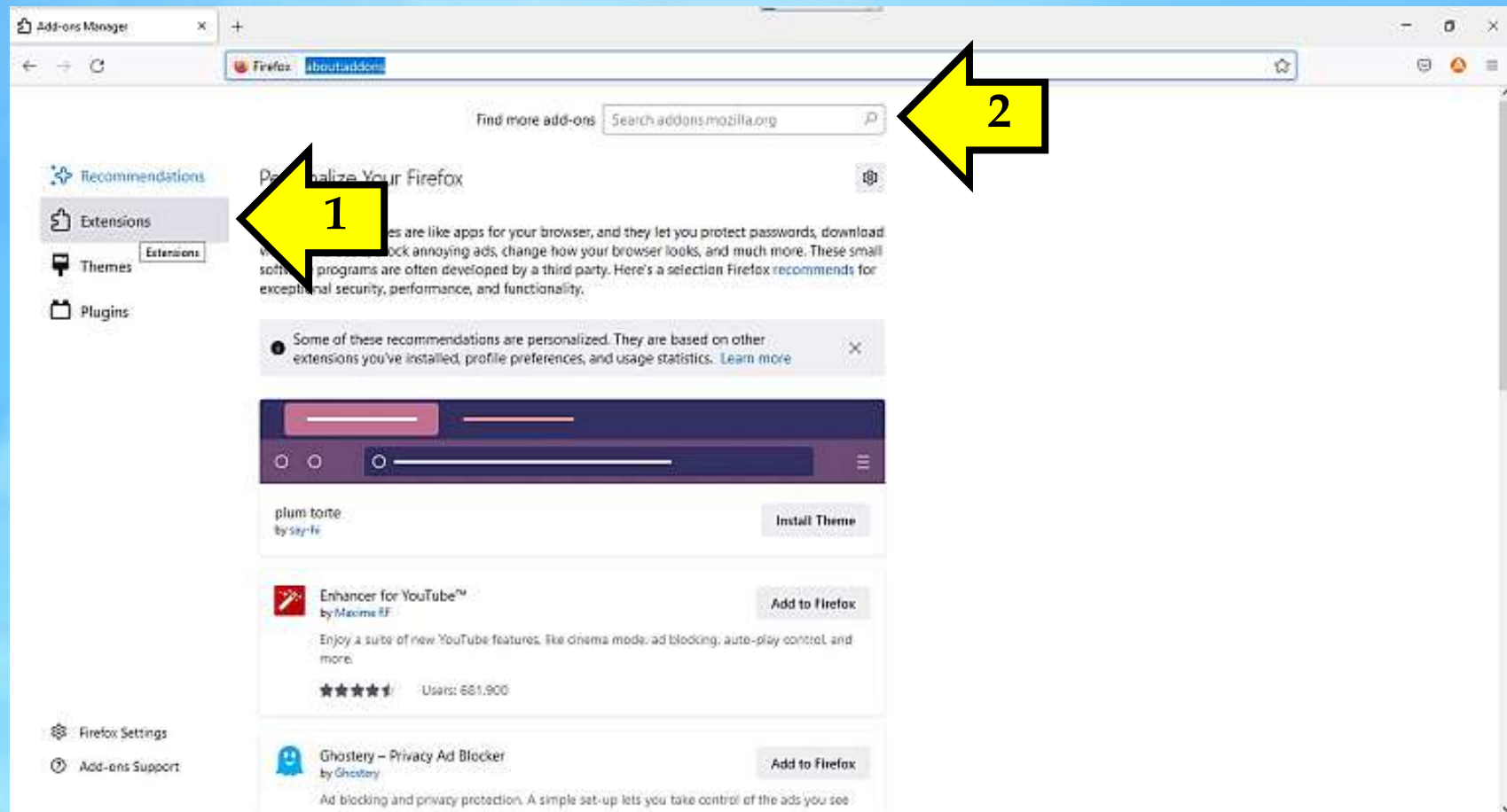
Installation

Because Video DownloadHelper is a browser extension with an associated Converter application, we'll have a quick look at how to install it.



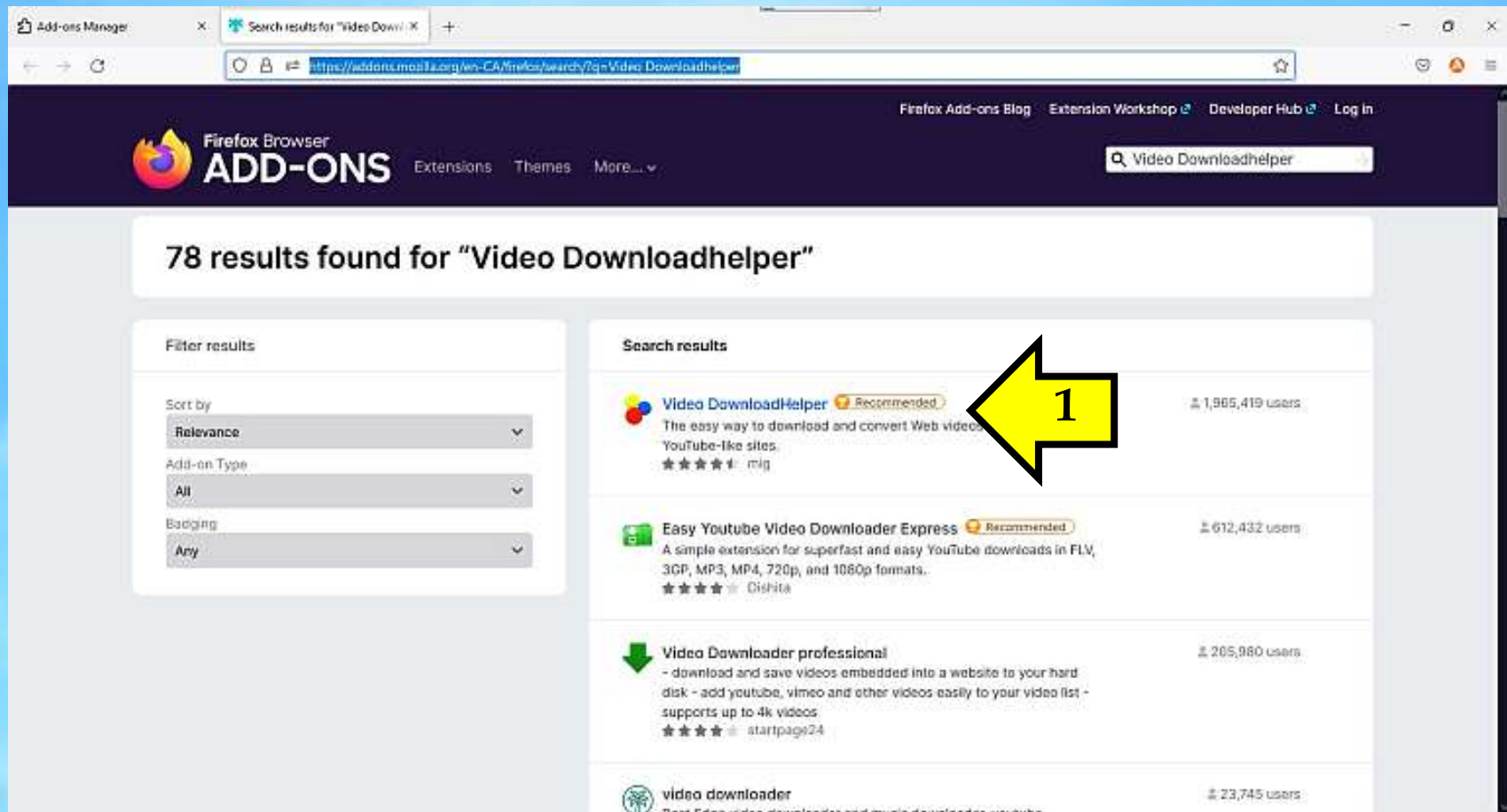
(1) Open Firefox and click on the hamburger menu in the upper right corner.

(2) Click on 'Add-ons and themes'.



(1) Click on 'Extensions'.

(2) Enter 'Video DownloadHelper' in the 'Find more add-ons' search box, then hit 'Enter'.



(1) Click on 'Video DownloadHelper' in the 'Search Results'

Firefox Browser ADD-ONS

Video DownloadHelper by mig

The easy way to download and convert Web videos from hundreds of YouTube-like sites.

Recommended

1,965,419 Users 21,083 Reviews 4.3 Stars

5 stars 15,069
4 stars 2,416
3 stars 681
2 stars 415
1 star 2,502

Add to Firefox

Rate your experience

How are you enjoying Video DownloadHelper?

Sign in to rate this extension

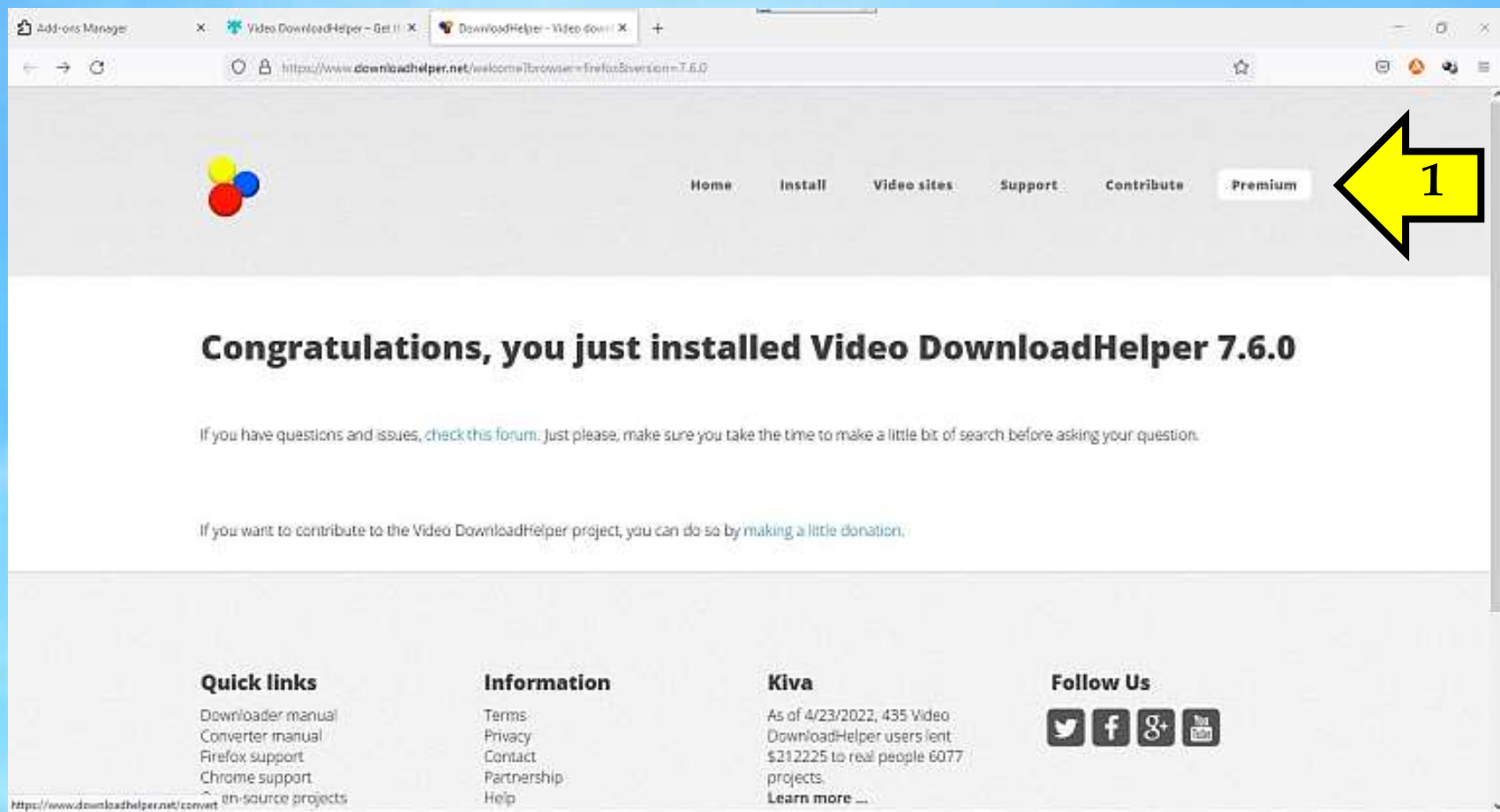
Report this add-on for abuse

Screenshots

Download Convert Web videos

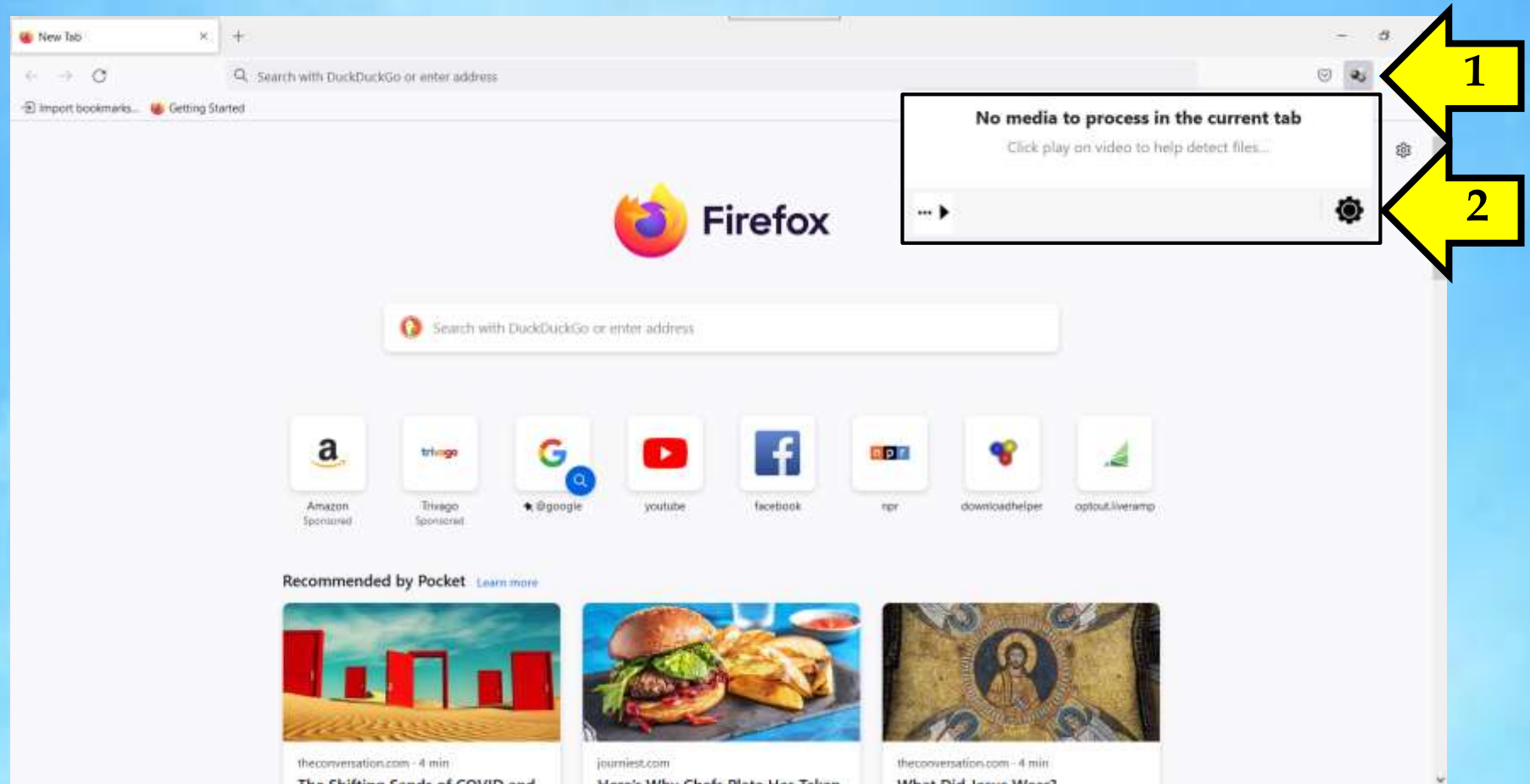
1

(1) Click on 'Add to Firefox'.



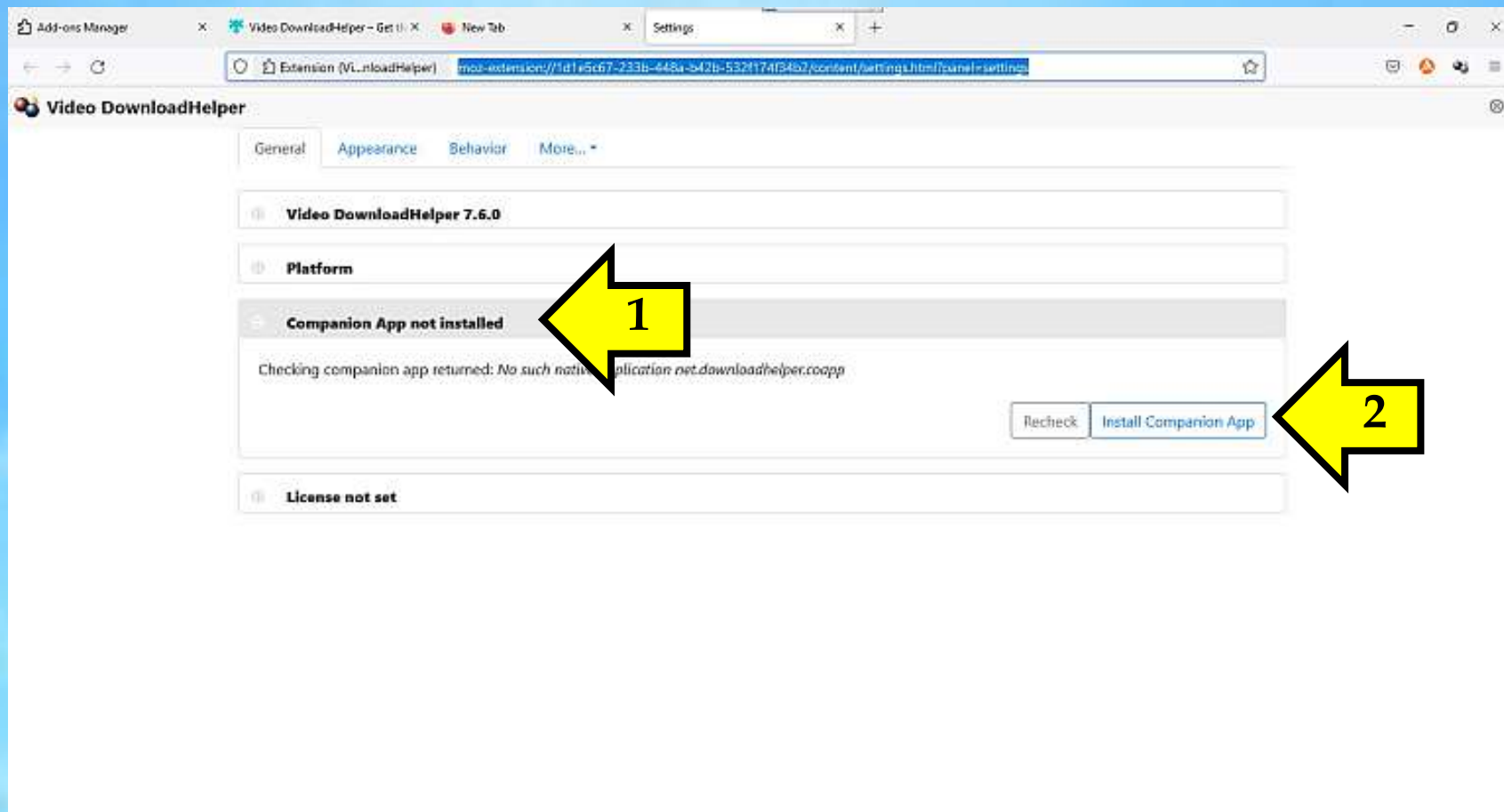
You will get the above screen. This indicates that we've installed VideodownloadHelper, so now let's install the Adapter application.

(1) Click on 'Premium'.



- (1) Open Firefox, then click on the VDH icon in the upper right corner.**
- (2) Click on the 'Settings' icon in the bottom right of the box that pops up.**

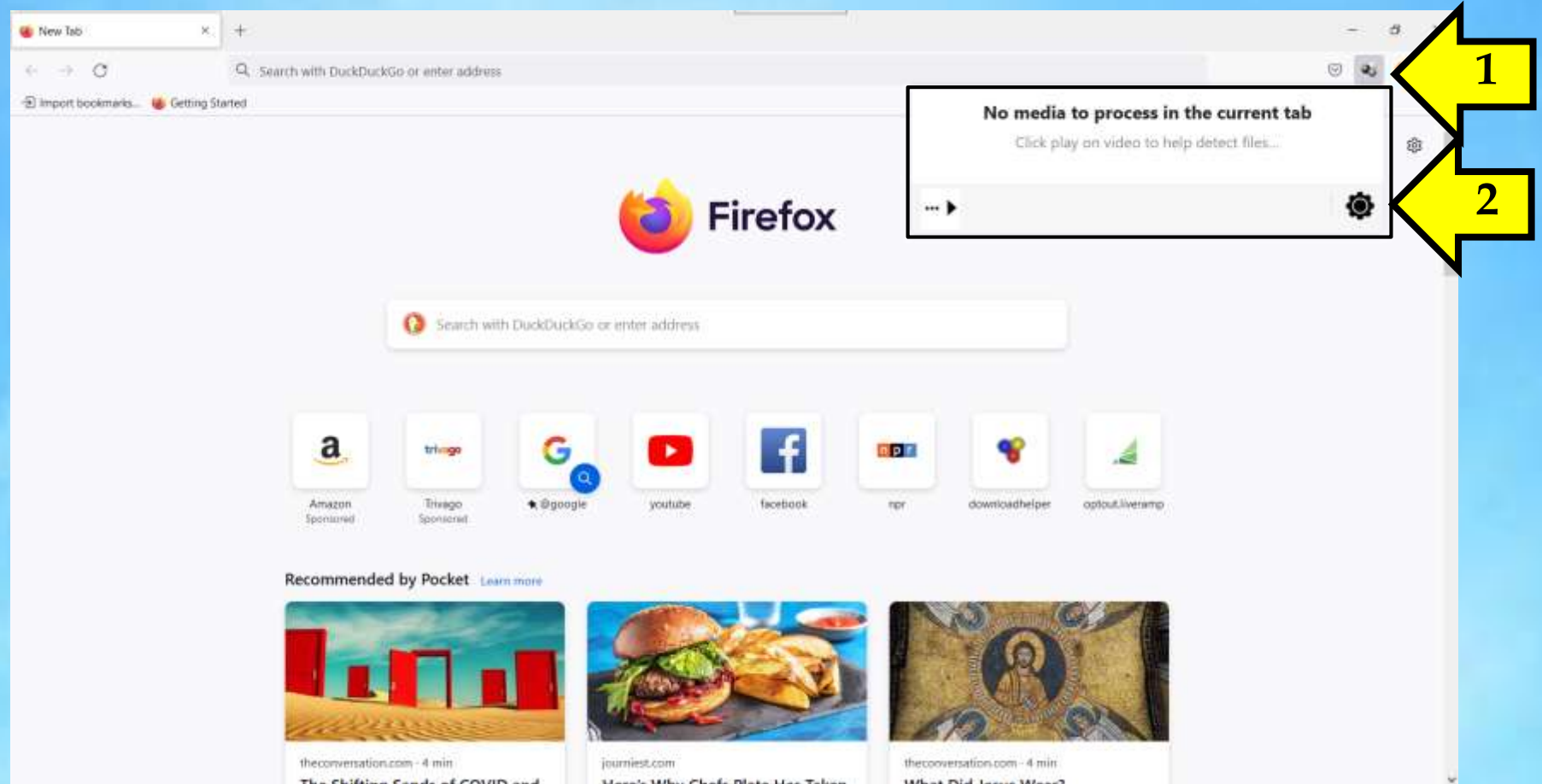




(1) Click on 'Companion App not installed'.

(2) Click on 'Install Companion App'.

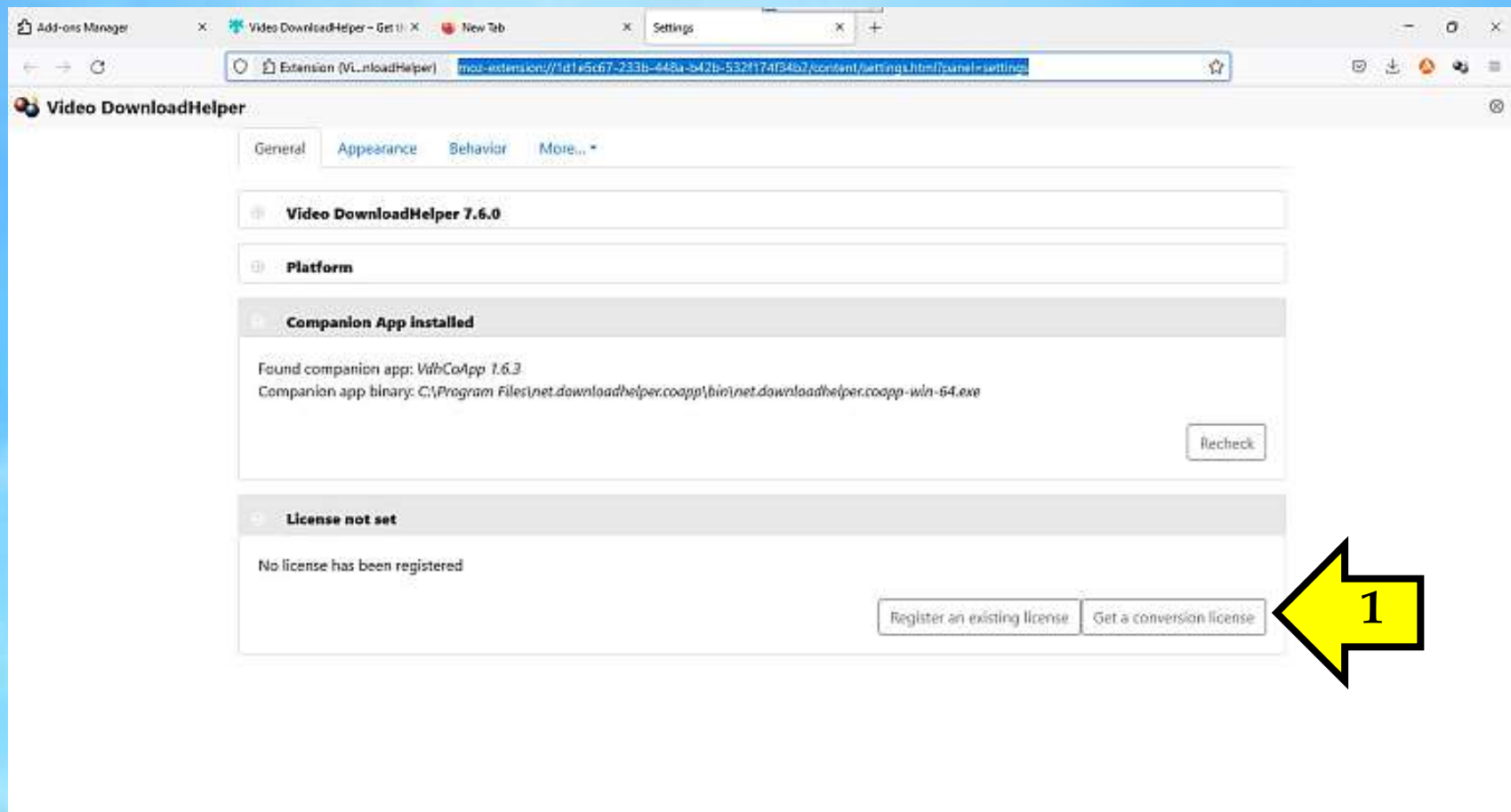
Follow the instructions. You can just install the unlicensed version, or you can buy a license at the time by following the instructions that come up (also see the next few slides for details).



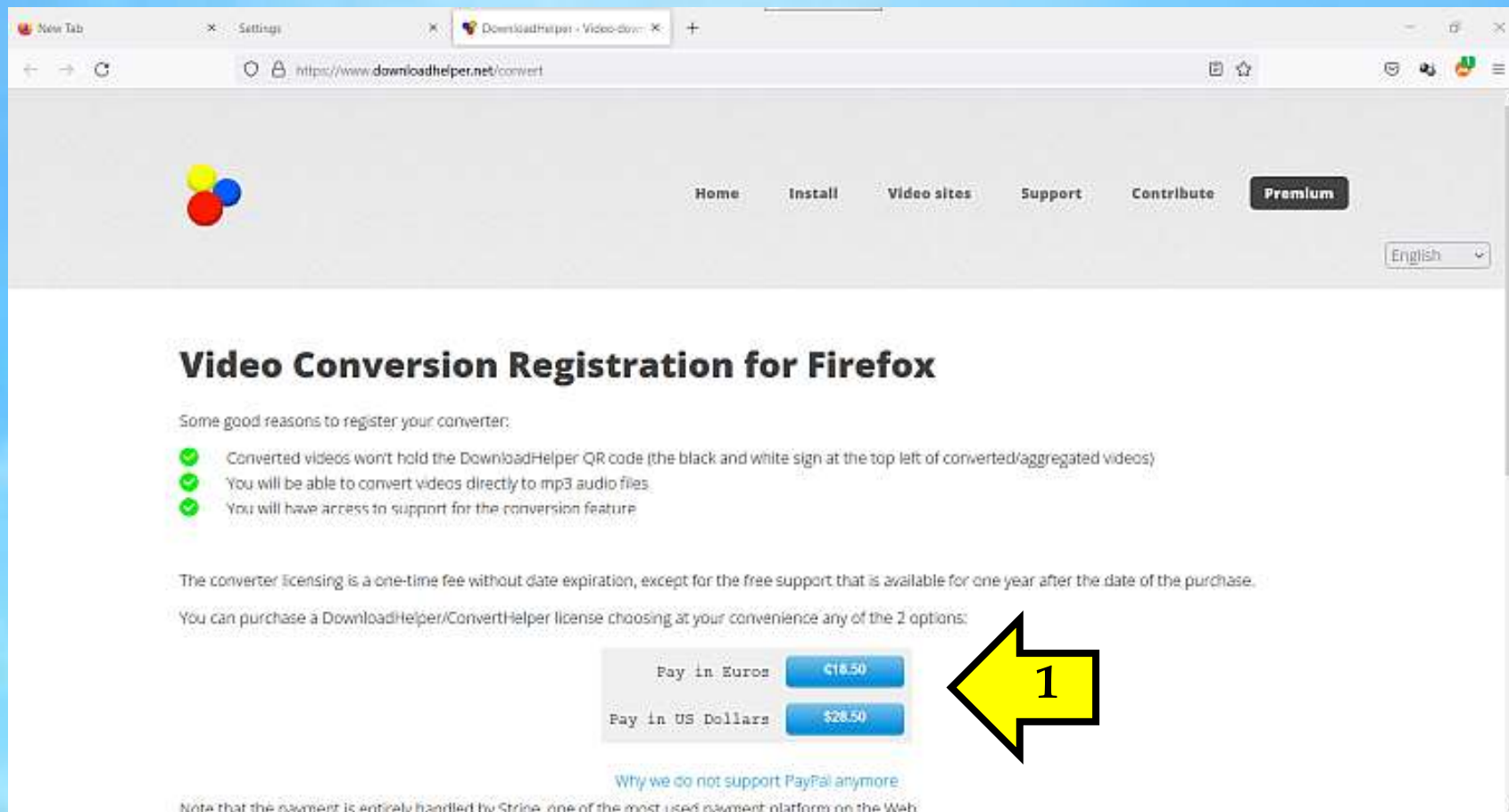
If you want to buy a license later:

(1) Open Firefox, then click on the VDH icon in the upper right corner.

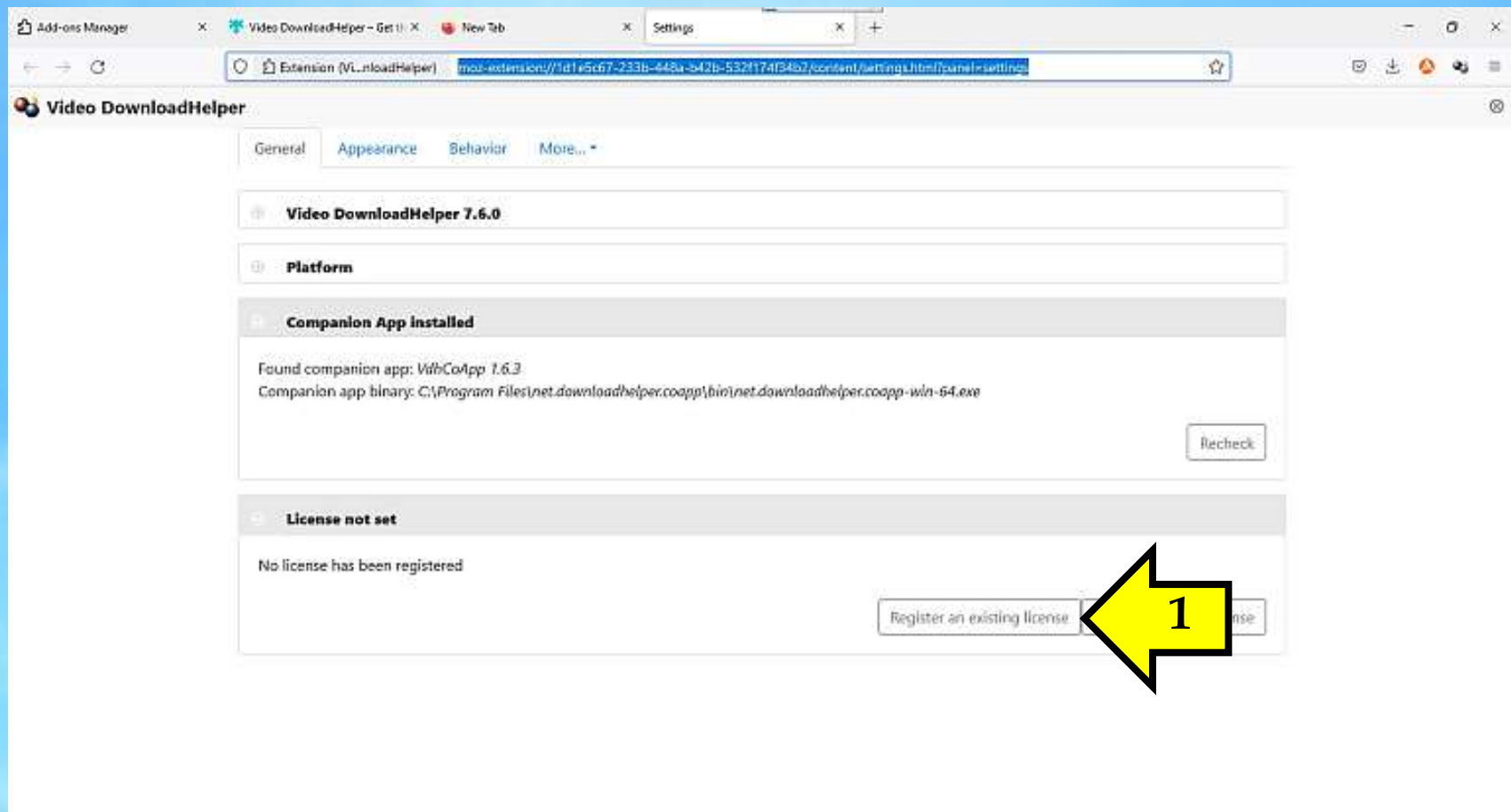
(2) Click on the 'Settings' icon in the bottom right of the box that pops up.



(1) Click on 'Get a conversion license'.



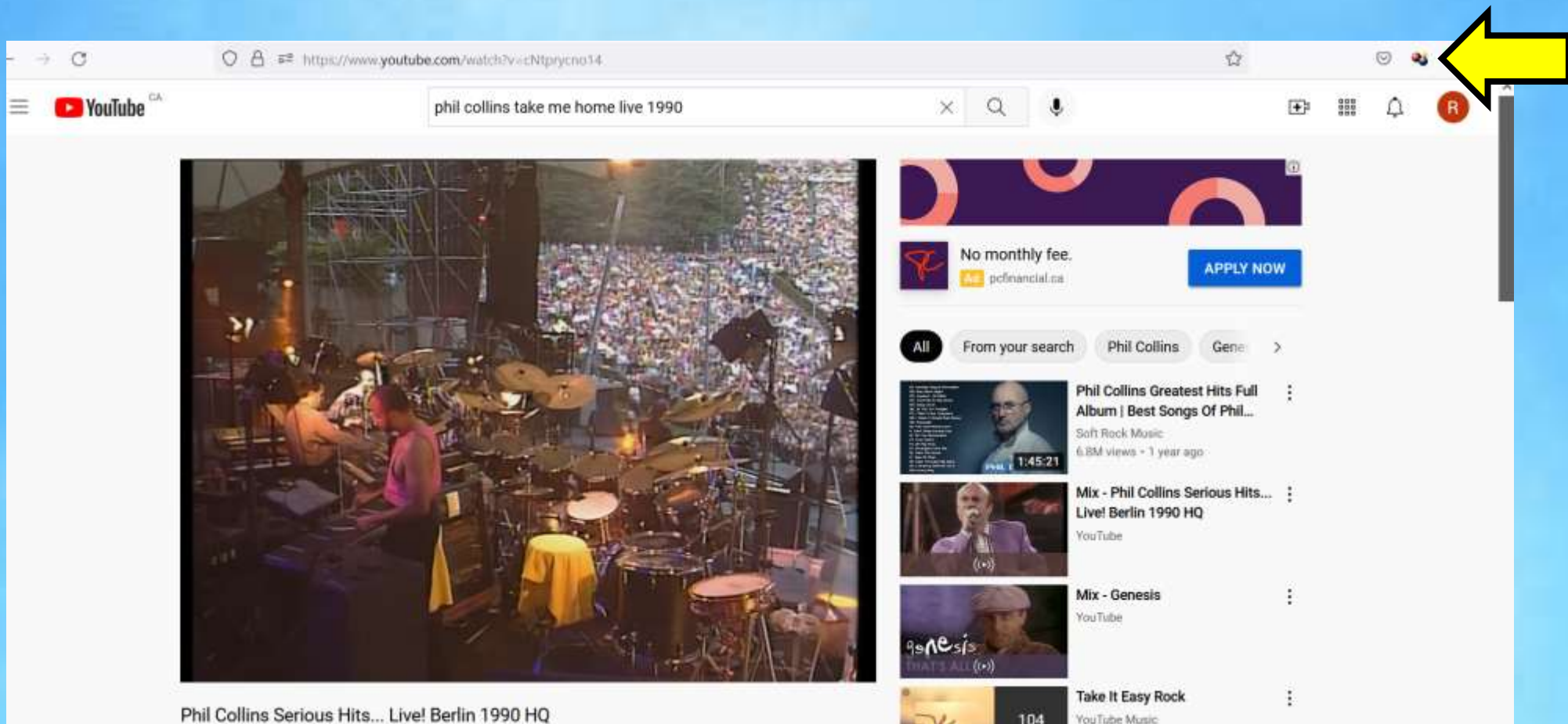
(1) Click on 'Euros' or 'US Dollars' and follow the instructions. Payment is handled by Stripe, not PayPal, so you'll need your credit card handy.



(1) Click on 'Register an existing license' and follow the instructions to enter your license number.

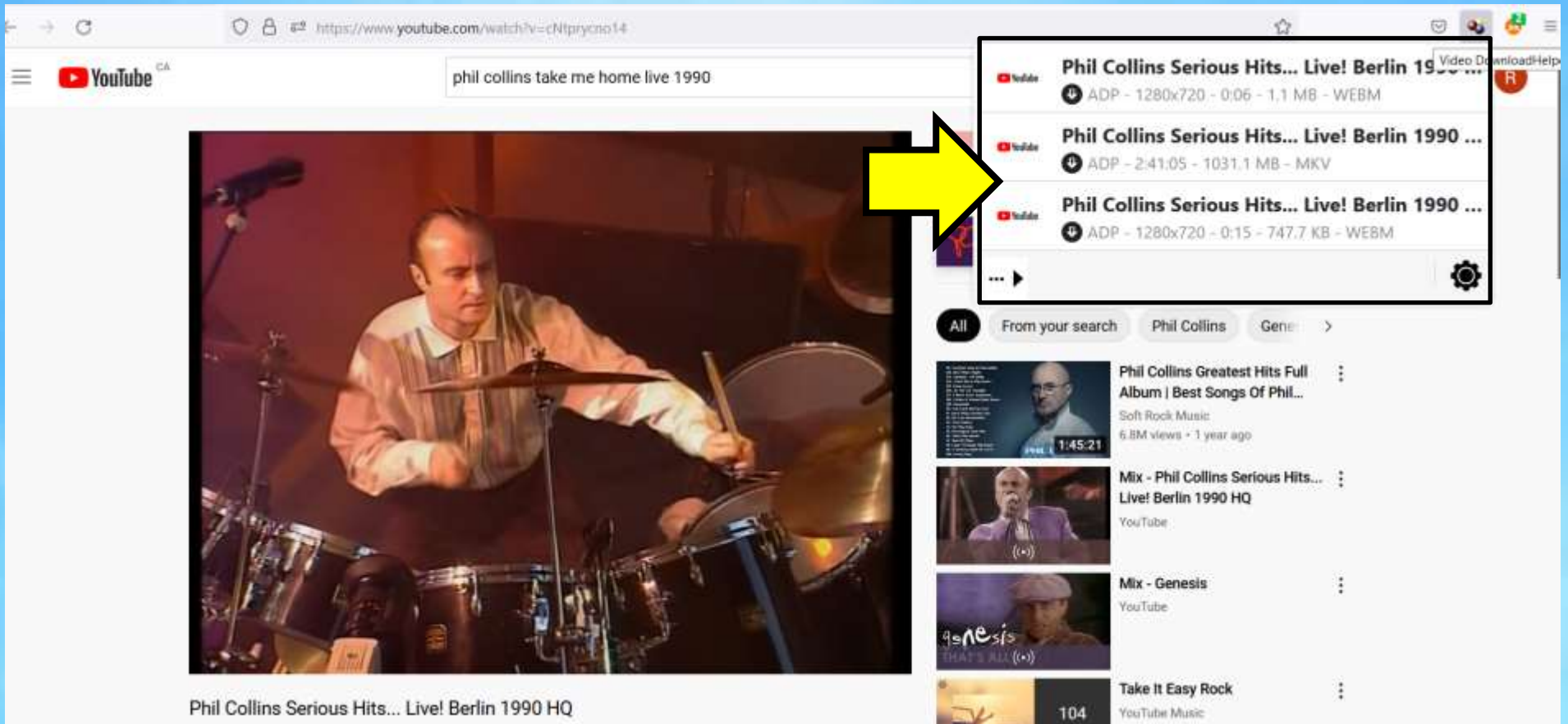
Using Video DownloadHelper

**So now that we have
VideodownloadHelper (and the
Converter App) installed, let's
look at the basics of using it.**

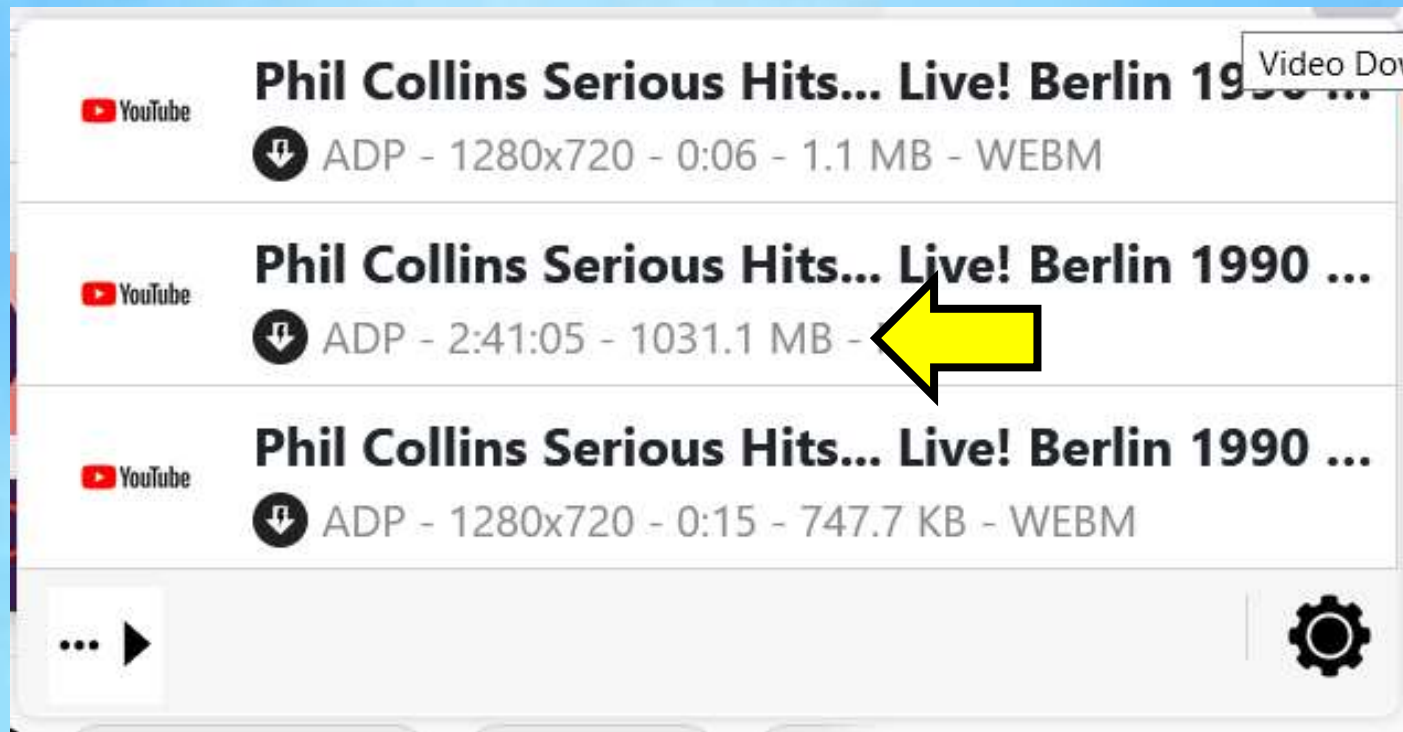


- Open up Firefox, then YouTube, and go to the video you want to download.
- Once the video is playing (after any opening adverts), click on the VDH icon in the upper right of the screen



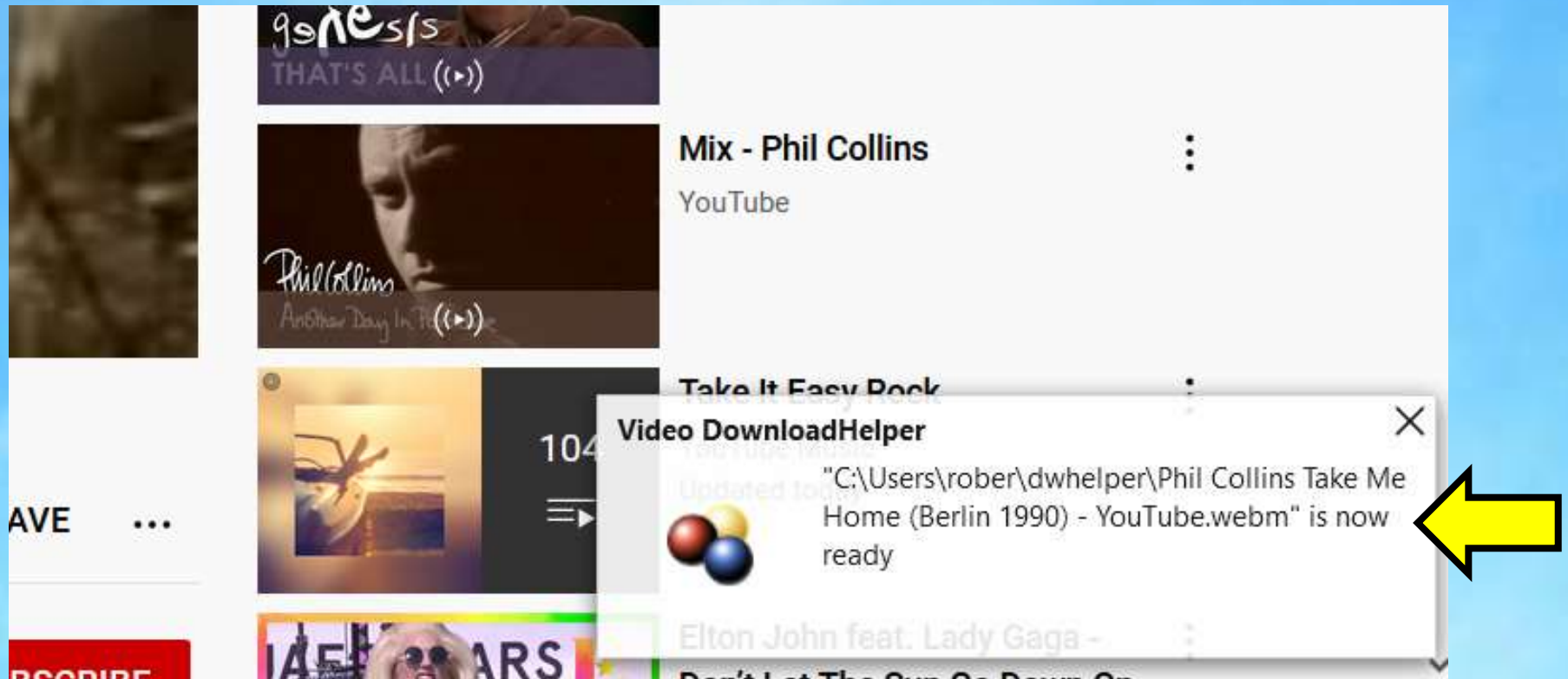


- A menu will popup in the upper right of the screen.



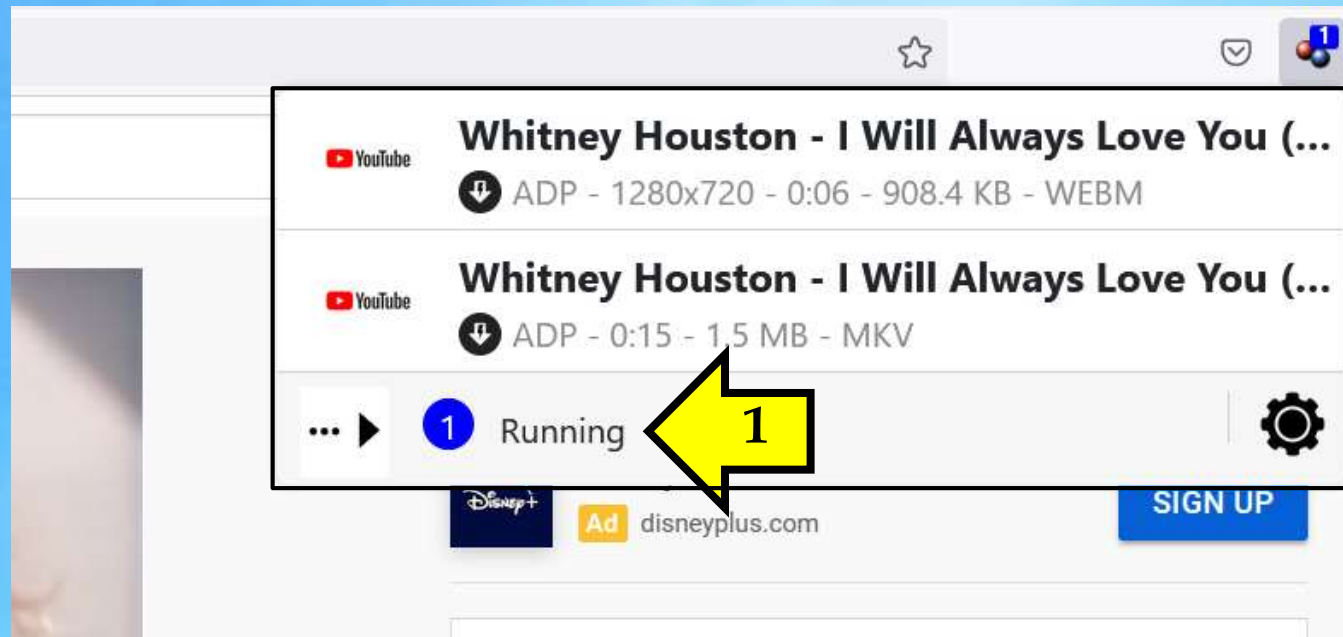
- The menu may contain several items. The one you want is usually the one with the largest file size (*in this case 1031.1 MB because this is a video for a 2 3/4 hour concert*). Click on the selection.
- The menu will disappear, and the VDH icon in the upper right will have a box that displays the number of downloads currently in progress.



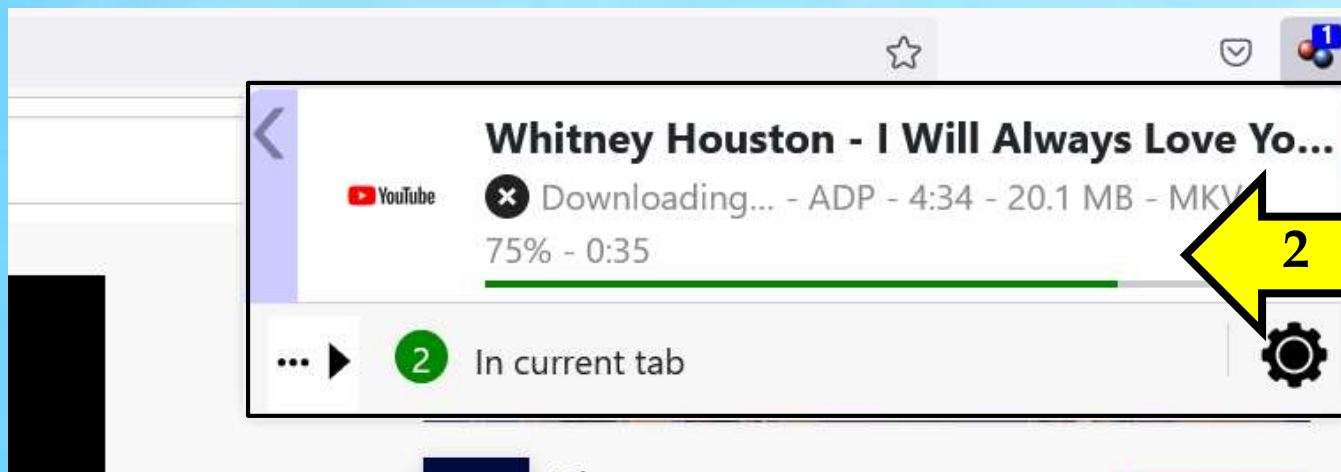


- When the video has finished downloading in the background, a notification will popup in the lower right corner of the screen for a few seconds.

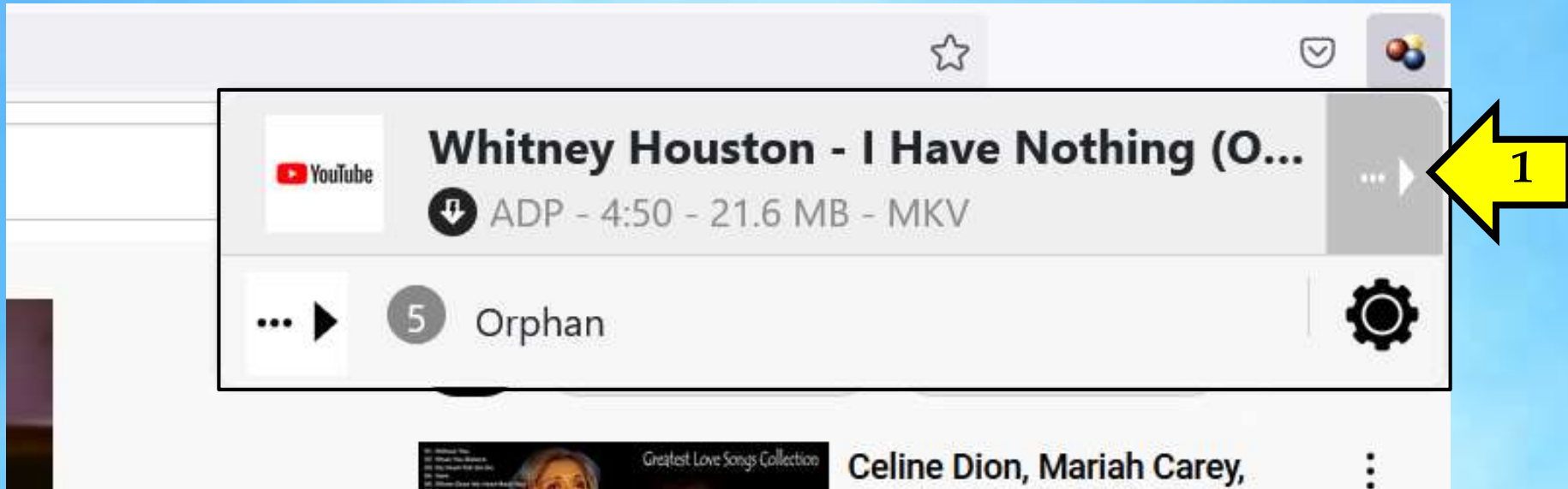
- The video will download in the background at your download speed (minus the bandwidth required for the video that is playing), so the download usually takes less time than it takes for the video to play.
- No matter where you are in the video when you start the download, the entire video will download. If the download isn't finished before the video finishes, the download will still finish properly as long as you stay on the YouTube site.
- Once you start a download, you can leave the video and go to another video and start to download that video too. The downloads will happen concurrently, but since they share the bandwidth the downloads will be slower. I've had up to 7 downloads happening at the same time, but they were sssooo ssslllllooooowww. Until ALL the videos are finished downloading, you MUST stay on the YouTube site.



(1) You can check the progress of your download(s) by opening up the download menu and clicking on the blue circle that shows the number of current downloads.

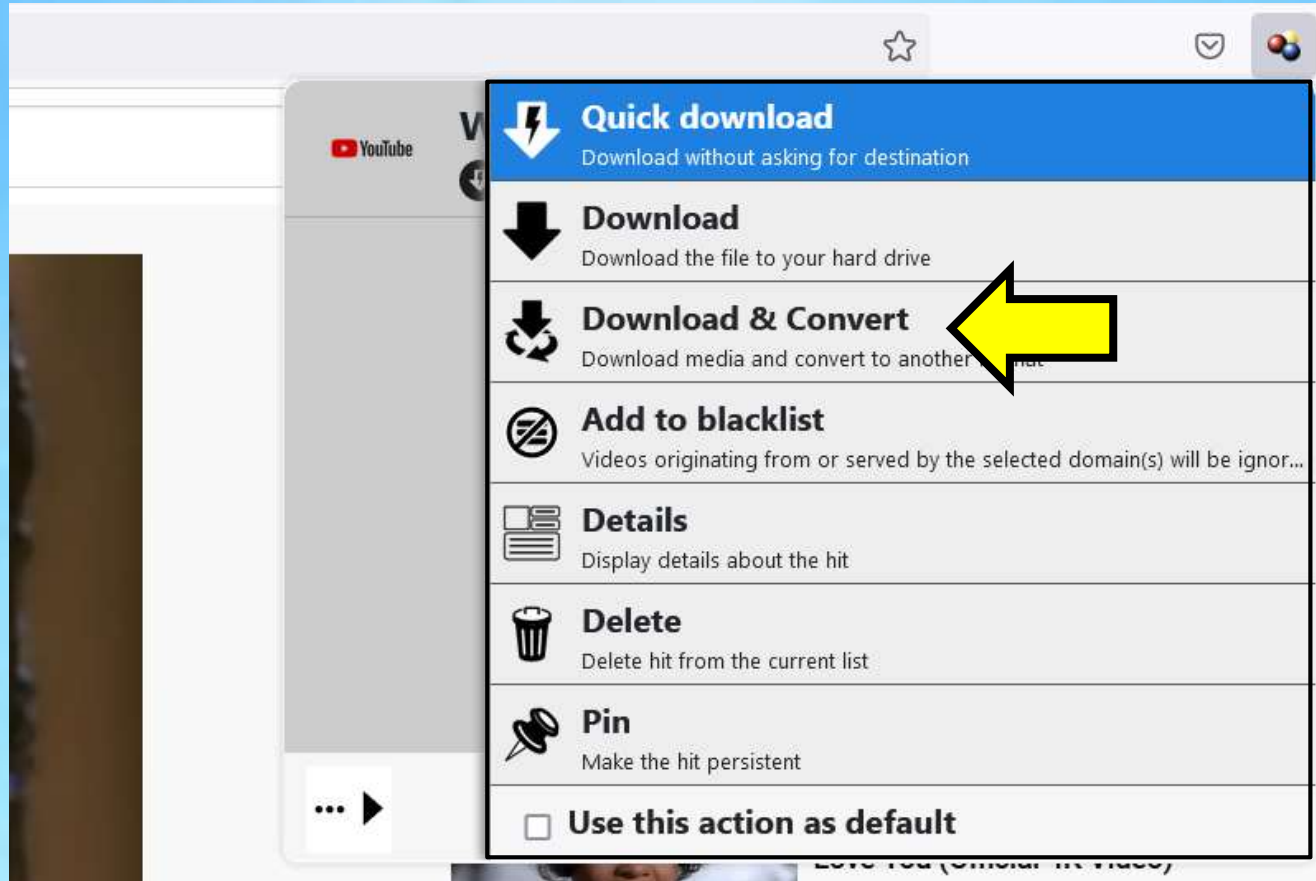


(2) This will bring up a box showing the progress of each download.

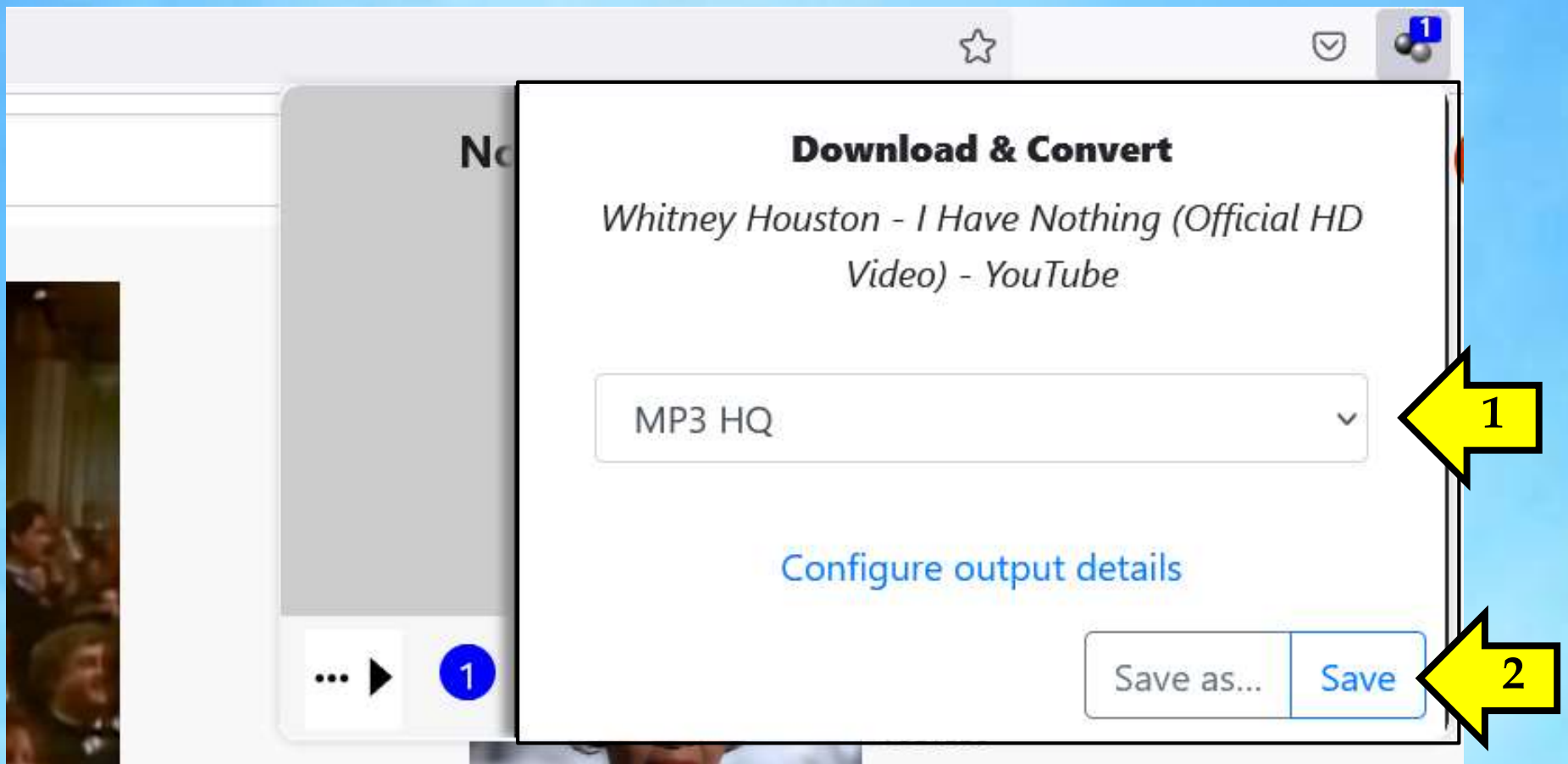


- To download the audio only, bring up the download selection menu, then move the cursor to the right side of the selection you want. A box with an arrow will appear. Click on this box.

(NOTE: You can download either the whole video or just the audio at one time. If you want both, download the whole video first, then once that download is complete you can then download the audio)



- Click on the 'Download & Convert' line in the menu that pops up.



- (1) If the box doesn't say 'MP3 HQ', click on the arrow at the right and select 'MP3 HQ' (or 'MP3').
- (2) Then click on the 'Save' box. The download will begin.

The downloads should be in the
'c:\Users*yourusername*\dwhelper\' directory.

You may want to rename the file right away to
something that makes sense to you.

A standard naming convention for music audio and
video files is:

*'artist name - song title (album name and other
metadata) source.filetype'*

See the next slide for more info on this.

Format of Song File Names

The format for naming music files is important for finding and sorting files as well as for displaying the information of the song in the music player. Most music players and music database applications will get the information from the “tag” built into the mp3, m4a, etc. file, but where the tag information is missing the most important information is taken from the filename if the filename is formatted “*artist name – song title.filetype*” (e.g. “*Fred Biscuit – Spiffing My Biffy.mp3*”). That is a minimal format. A more complete format is:

artist name – song title (album name and other metadata) source.filetype

Artist Name: The name of the individual artist or group. If the group name starts with “The” leave that in. If there is a main artist with a guest artist, put the main artist name first, then “ft” or “ft.” for “featuring” (e.g. “*The Fuddles ft Joe Blow*”), or “with” (e.g. “*The Fuddles with Joe Blow*”). In the artist name section don’t use special characters like parenthesis, etc. If two or more artists have equal billing, separate their names by a comma or the word “and” or an ampersand (&).

Separate the “artist name” section from the “song title” section with a space, a dash and another space.

Song Title: The name of the song. It may be necessary to abbreviate really long song names. In the song title section don’t use special characters like parenthesis, etc.

Separate the “song title” from the “album name and other metadata” with a space.

Album Name and Other Metadata: If the song comes from a specific album, list the album title first. If the album title is something like “*The Best of Alvin Belistoc and the Family Band*” then the “*Alvin Belistoc and the Family Band*” part can be left off the album title since that information is already in the “Artist Name” section. Sometimes the term ‘Greatest Hits’ is abbreviated to ‘GH’. Other metadata can include information such as “Live”, “Remastered”, “Live from the Oscars”, “Single”, “EP Single”, etc. The “*album name and other metadata*” is surrounded by parentheses ().

Source: This describes where the song came from and is optional. Examples include “iT” for “iTunes”, “CD” for “Compact Disc”, “VR” for “Vinyl Record”, “YT” for “You Tube Video”, etc. This information can be useful in case your computer file becomes corrupted and you have to re-source the material. The “Source” may or may not be surrounded by parentheses.

Examples of filenames are:

Jay-Z ft. Alicia Keys - Empire State of Mind (The Hits Collection Vol. 1) iT.m4a

File Name Extensions: The file name extensions for **audio** files are usually “.mp3” or “.m4a”, although there may be the occasional “.aac”, “.ogg”, “.wav” and “.wma”.

File name extensions “.mp4”, “.mkv” and “.webm” are the most common for **video** files, but there may be others.

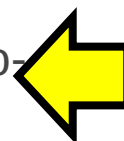
The audio parts of the videos can range very widely in quality and in sound level, and are not 'tagged'. You can fix the sound level and tagging yourself, or you can get the audio from a different source other than YouTube (e.g. iTunes). Note that different versions of the same song on iTunes can vary widely in quality.

As much as VideodownloadHelper with the Converter app can convert videos to a different video format while downloading or convert videos that are already on your computer, I highly recommend you use other video converters like the ones listed on the next slide.

These are the best video converters for Windows 10

1. **VideoProc**: VideoProc offers a suite of tools that let you convert, edit, and more. Its trial version is the best free video converter for Windows 10 and paid plans include a 30-day money-back guarantee.
2. **Allavsoft Video and Music Downloader**: This video converter and downloader in one makes quick work of delivering your desired format.
3. **Wondershare UniConverter**: One of the fastest video converters for Windows but doesn't compromise on quality.
4. **ByClick Downloader**: A downloader with a built-in converter that can batch download and comes in multiple languages.
5. **DivX Converter**: Comes with a decent free version and offers a low-cost paid plan that packs lots of features.
6. **iDealshare VideoGo**: Offers fast, high-quality conversions and a suite of editing tools.
7. **Freemake Video Converter**: Handles 4K, offers lots of preset profiles, and lets you burn to DVD.
8. **WonderFox HD Video Converter Factory**: This easy-to-use tool delivers high-quality video and doesn't bombard you with ads.
9. **Movavi Video Converter**: Use a sleek, modern app to carry out speedy conversions.
10. **Any Video Converter**: A popular free video converter with the option to upgrade to a paid plan.
11. **HandBrake**: If you want a completely free video converter for PC, this could be a great pick.
12. **NCH Prism Video Converter Software**: Beginner-friendly and comes with a decent no-cost version.

<https://www.comparitech.com/utilities/best-video-converters-windows/>



Next Session

- How to download or capture videos using Debut Video Capture and Screen Recorder Software

Coming Later

- How to do still and video screen capture using ScreenHunter Pro all-in-one screen capture and screen recording software
- How to capture (rip) audio from a video file and how to take a screenshot of the current video frame using GOM Player
- How to rip your CD's to MP3's using Express Rip CD Ripper
- How to edit the tags (metadata) for your MP3's



**Any other:
Questions
Comments
Shares?**

May Meeting

Me & My Mac

Gillian Villeneuve, MUGOO
(Macintosh User Group Of Ottawa)

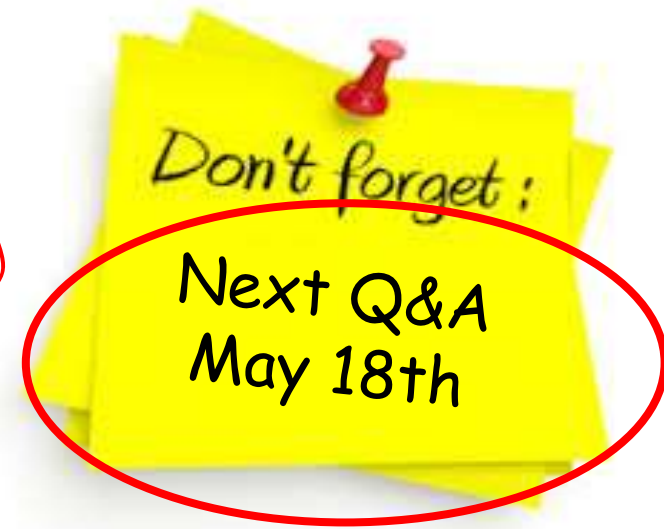
May 11, 2022

7:30 pm





No Q&A on
May 11
(Monthly Meeting)



**Send your questions,
answers, and topics
you wish to share to:**

SuggestionBox@opcug.ca

Scam avoidance and trust

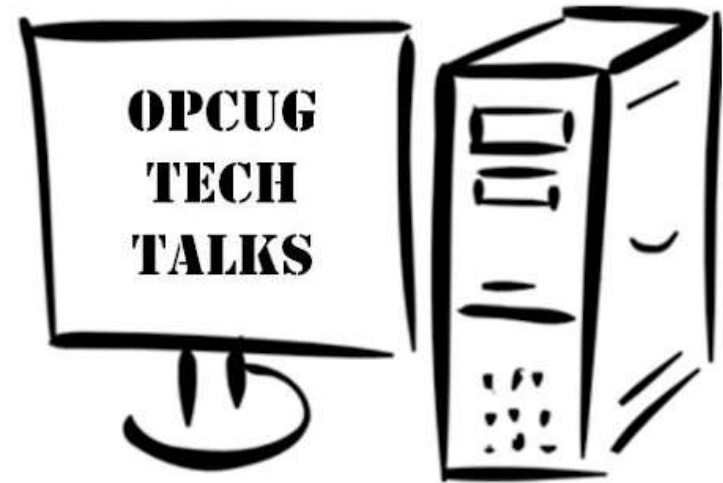
June 6th, 7:00 pm

Protect yourself from the many computer-based scammers who are always trying to steal your money or your identity.

Lawrence Patterson will review the significant difference between blind and wise trust, sources of scams, tips to be aware of, details common to all scams and, most importantly, how to take control.

Full details at:

<https://opcug.ca/events/photoediting/>



Lawrence Patterson

Registration required

*Free for OPCUG members
\$20.00 for non-members
(including one-year membership)*

