# How to install OBS Studio

Step 1. Download OBS from the official website: <u>https://obsproject.com/</u>

Step 2: Click the red block according to the computer system

<b>OBS</b> Latest Rele	<b>5 Stu</b> ease # <b>*</b> (\$ 30.2.3 - Augu	dio ust 15th
Windows	macOS	Linux
Free and open source sof Download and start streamin	tware for video record ng quickly and easily o	ling and live streaming. on Windows, Mac or Linux.
OBS 28.0.0 (64-bit, windows) - Profile: Untitled - Scenes: Untitled     File Edit View Docks Profile Scene Collection Tools	Help	- = ×
	0:00 Cp	OBS en Braakcaster Software Dowrload Biog Help Forum Die O Versetatie

Step 3: Double-click on the installer file

OBS-Studio-30.2.3-Windows-Installer

Step 4: Follow the prompts to install OBS on your computer

"Do you want to allow this app to make changes to your device", select "Yes"

Step 5: Click "Next"

OBS Studio 30.2.3 Setup	– 🗆 X
	Welcome to OBS Studio 30.2.3 Setup
	This setup will guide you through installing OBS Studio. It is recommended that you close all other applications before starting, including OBS Studio. This will make it possible to update relevant files without having to reboot your computer. Click Next to continue.
	Next > Cancel

# Step 6: Click "Next"

OBS Studio 30.2.3 Setup		_		×
S OBS	License Information Please review the license terms before in	istalling OB	3S Studio	
Press Page Down or scroll t	to see the rest of the license.			
SNU GENERAL PUBLIC LIC	ENSE Version 2, June 1991			^
Copyright (C) 1989, 1991 Floor, Boston, MA 02110-: verbatim copies of this lice	Free Software Foundation, Inc., 51 Franklin 1301 USA Everyone is permitted to copy and nse document, but changing it is not allowe	n Street, F d distribute d.	ifth 2	
The licenses for most soft change it. By contrast, the freedom to share and char	ware are designed to take away your freed GNU General Public License is intended to nge free softwareto make sure the softwa	om to shar guarantee are is free	e and your for all its	*
Nullsoft Install System v3,10 -				
	< <u>B</u> ack <u>N</u> ex	kt >	Can	cel

**Step 7:** Select the location to save (the default is C:\Program Files\obs-studio). If you need to change, click Browse. If the changes are completed or no changes are needed, click "Install"

OBS Studio 30.2.3 Setup			_		×
S OBS	Choose Install I Choose the folde	<b>ocation</b> r in which to insta	all OBS Studio 30.	2.3.	
Setup will install OBS Studic Browse and select another	0 30.2.3 in the follov folder. Click Install (	ving folder. To in: to start the instal	stall in a different llation.	folder, cli	:k
Destination Folder C:\Program Files\obs-s	tudio		Brow	se	
Space required: 693.2 MB Space available: 167.2 GB					
Nullsoft Install System v3,10 -		< Back	Install	Cance	2l

Step 8: Wait for installation and click "Finish"

OBS Studio 30.2.3 Setup	- 🗆 X
	Completed Setup
	OBS Studio 30.2.3 has been installed on your computer. Click Finish to close Setup.
	New to OBS? Check out our 4-step Quickstart Guide.
	< <u>B</u> ack <u>Finish</u> Cancel

# How to set up OBS Studio

If you are using public E-classroom computer set up by the teaching service team, you can skip the OBS Studio setup step and proceed directly to the steps for using OBS Studio

# **OBS Studio settings**

**Step 1:** When you launch OBS Studio for the first time, you will encounter the Auto-Configuration Wizard. This automated tool tests your system and applies the most optimal settings specifically for your device. The Auto-Configuration Wizard is the best option if you want to start streaming as quickly as possible.

If you want to run it again later, you can access it in the Tools menu at the top menu bar at any time to perform the automatic configuration. And if you aren't happy with the result, you can always modify the settings yourself later.

If you want to use for recording, please select the second option "Optimize just for recording, I will not be streaming" and click "Next"



**Step 2:** Specify the video setting you would like to use. The first option is to adjust the resolution. You can click and select the resolution you want. Click on the second option and select 30

S Auto-Configuration Wizard	×
<b>Video Settings</b> Specify the video settings you would like to use	
Base (Canvas) Resolution Use Current (1920x1080) - FPS Either 60 or 30, but prefer 60 when possible -	
Note: The canvas (base) resolution is not necessarily the same as the resolution you will stream or record with. Your actual stream/ recording resolution may be scaled down from the canvas resolution to reduce resource usage or bitrate requirements.	
Back Next Cancel	
S Auto-Configuration Wizard	×
<b>Video Settings</b> Specify the video settings you would like to use	
Base (Canvas) Resolution Use Current (1920x1080) FPS Use Current (1920x1080) Use Current (19	
Back Next Cancel	

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S Auto-Configuration Wizard		×
<b>Video Settings</b> Specify the video setti	ngs you would like to use	
Base (Canvas) Resolution	Use Current (1920x1080) 🔻	
FPS	Use Current (30) 🔹 👻	
Note: The canvas (base) resolution you will strea recording resolution ma	Either 60 or 30, but prefer 60 when possible Either 60 or 30, but prefer high resolution Use Current (30) 30	
to reduce resource usag	60	
	Back Next Cancel	

Step 3: Click "Apply Settings"

S Auto-Configuration Wizard		×
Final Results Testing complete		
The program has determine Recording Encoder Recording Quality Base (Canvas) Resolution Output (Scaled) Resolution	ed that these estimated settings are ideal for you: Hardware (QSV, H.264) High Quality, Medium File Size 1920x1080 1920x1080	
FPS	30	
To use these settings, click , again, click Back. To manua open Settings.	Apply Settings. To reconfigure the wizard and try lly configure settings yourself, click Cancel and	
	Back Apply Settings Cancel	

S OBS 30.2.3 - Profile: Untitle	ed - Scenes	Untitled		
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<u>S</u> ettings				
Show Settings Folder				
Show Profile Folder				
E <u>x</u> it				
No source selected		Properties	🔝 Filter	rs

Step 4: Click File->Settings (the following instructions are basic settings)



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Appearance		Language	English				
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🔓 Output			Hide OBS windows from screen capture				
(I) Audio	Updates						
💭 Video	Upda	te Channel	Stable - Latest stable release (Default)				
🕮 Hotkeys			Automatically check for updates on startup				
🚯 Accessibility							
🛠 Advanced	Output		Show confirmation dialog when starting streams				
			Show confirmation dialog when stopping streams				
			<ul> <li>Show confirmation dialog when stopping recording</li> </ul>				
			Automatically record when streaming				
			Keep recording when stream stops				
	Source Alignmen	t Snapping					
			🗹 Enable				
	Snap	Sensitivity	10.0			^ ~	
			✓ Snap Sources to edge of screen				
			Snap Sources to other sources				
				ок с	Tancel		

**Step 6.** Select output: Recording path (Select the folder on your computer where you would like to save the recording file), recording format (select mp4), encoder (x264 is recommended)

Settings				×
🗘 General	Output Mode	Simple		•
🗹 Appearance	Streaming			
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G. Output	Audio Bitrate	160	-	
<b>∢</b> ୬) Audio	Video Encoder	Software (x264)	-	
💭 Video	Encoder Preset	vervfast (default) (medium CPI) usage standard quality)		
🕮 Hotkeys				
Accessibility				
🛠 Advanced	Audio Encoder	AAC (Default)		
	Recording			
	Recording Path	C:\Users\lib\Videos Bro	owse	
		Generate File Name without Space		
	Recording Quality	High Quality, Medium File Size	-	
	Recording Format	MPEG-4 (.mp4)	•	
	Video Encoder	Software (x264)	-	
	Warning: Recording with a you stream and record at t	software encoder at a different quality than the stream will require extra CPU he same time.	l usage il	
	Warning: Recordings saved BSODs, power losses, etc.). to MP4/MOV after it is finis	l to MP4/MOV will be unrecoverable if the file cannot be finalized (e.g. as a resul If you want to record multiple audio tracks consider using MKV and remux the hed (File — Remux Recordings)	t of recordir	ng
		OK Cancel	Appl	y

**Step 7.** Select video, set up OBS Video Setting for Recording: Base (Canvas) Resolution: 1920×1080, Output (Scaled) Resolution: 1920×1080, Common FPS Values: 60. Click Apply->Click OK



# How to record in OBS Studio

### Step 1. Overview of the main interface

(1) Preview window: Displays the result of the scene setup.

(2) Scene: Combines sources to create a scene, which is the visual output during recording. Multiple scene setups can be saved.

(3) Source: Various elements that make up a scene; one scene can have multiple sources.

(4) Audio Mixer: Manages sound sources during recording, allowing you to turn sound sources on or off and adjust volume levels.

(5) Transition Effects: Effects used when switching between multiple scenes; this is an advanced feature and will not be covered in this manual.

(6) Controls: Primarily used for "Start Recording" / "Stop Recording".



# Step 2. Adding Sources to a Scene

When you start OBS Studio, the scene is blank by default. You can click the "+" button to add various sources. Commonly used options include:

- Window Capture
- Display Capture (recommended if you have multiple monitors)
- Browser
- Video Capture Device

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# 2.1. Window Capture

Capture the screen from a specific window, application, or program. When capturing multiple window sources, you can name them for easier identification.



You can select from the currently open windows as sources.

Check the "Capture Cursor" option to display the mouse cursor position during recording.



## 2.2. Display Capture

Capture the entire screen of a monitor. When capturing multiple display sources, you can name them for easier identification. If you have multiple monitors, this option is recommended as it allows for flexible arrangement and integration of various windows during recording.



Set the capture method to "Automatic" and select the display you want to use as the source.



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### 2.3. Browser Capture

Capture content from a specific URL. It's not necessary for the webpage to be open already. When capturing multiple URL sources, you can name them for easier distinction.



Enter the URL you want to display, and set the "Width" and "Height" for the capture. You can still adjust the dimensions within the scene as needed.



# 2.4. Video Capture Device

Capture video from cameras or other video devices.



#### Select the appropriate video device.



This source is typically used for recording tutorial or demonstration videos where the presenter needs to be visible.

# 3. Scene Arrangement

# 3.1. Order

When there are multiple sources, the sources higher up in the list will cover those below them.

# 3.2. Selection

When a source is selected, it will be highlighted with a red border.



# 3.3. Move

Click and hold the left mouse button within the red border to drag and move the source position.



# 3.4. Adjusting Source Size

Click and hold one of the eight small squares on the edges of the red border, then drag to resize the source as it appears in the scene.



# 3.5. Rotate

Click and hold the circular handle, then move it to rotate the source.





### 3.6. Adjusting the Capture Area

When using Display or Window Capture, if you want to exclude unwanted parts of the screen (e.g., the Windows taskbar at the bottom or the address bar at the top of a browser), hold down ALT + left-click on one of the eight small squares in the red border and drag to adjust the capture area.

Sources with adjusted capture areas will show green dashed lines along the edges.



After removing parts of the screen outside the video, the edges will display green dashed lines.



You can further use "Move" and "Adjust Source Size" to position the source in an appropriate location within the scene.



### 4. Start Recording / Stop Recording

Once your scenes and audio settings are configured, you can begin recording.





After setting up the scene, you can minimize OBS Studio and find the OBS icon in the system tray at the bottom right. This allows you to perform "Start Recording" and "Stop Recording" conveniently, especially when using a single monitor. It helps avoid capturing the action of minimizing OBS after starting the recording.



### 5. Unable to Find Recorded Videos

Go to File -> Show Recordings to directly open the folder where your recorded videos

