I'm not a bot



If you want to record your computer screen for gaming, tutorials, or any other purpose, OBS Studio is a powerful and versatile tool to help you achieve that. In this article, we'll guide you through downloading and installing OBS Studio on Windows 10 and show you how to start recording your screen. Whether you're a beginner or an experienced user this step-by-step tutorial will help you get the most out of OBS Studio. So, let's dive in and start recording!OBS Studio is a free and open-source software widely used for live streaming and recording video on various platforms. With its intuitive interface and customizable settings, OBS Studio is a great tool for gamers, YouTubers, and educators who want to create high-quality videos. In this article, we'll cover everything you need to know to download and install OBS Studio on Windows 10, and start recording your screen easily. From adjusting settings to adding filters and effects, we'll walk you through each step of the process, so you can get started in no time. Download & Install OBS StudioClick here to get to the official OBS Studio download page. Download the installer for Windows 32x or 64x bit, depending on the Windows icon in your taskbar and select System. In the window, you can preview which operating system you are using. In our case, we will select the 64x-bit download. After a few seconds, the installer will be located in your download location. Drag and drop the downloaded installer. Select Next and read through the license information, and then you will have to select where to install the application on your system. Select Browse, and here, in the D: drive, I will save the application to my program files folder. After a minute or two, OBS Studio should be installer for Windows 10 We will go over the interface so that you understand where all of the essential changes can be made. Add a new source to your screen and select Display Capture This capture to your screen you want, select the screen you want to select the screen you want to select the screen you want. is not properly resized, then make sure to select the source, and in your PCs and mic sound. In your Adjust the display capture preferences Ensure that OBS is picking up your PCs and mic sound. In your Adjust the display capture preferences Ensure that OBS is picking up your PCs and mic sound. In your Adjust the display capture preferences Ensure that OBS is picking up your PCs and mic sound. In your Adjust the display capture preferences Ensure that OBS is picking up your PCs and mic sound. In your Adjust the display capture preferences Ensure that OBS is picking up your PCs and mic sound. In your Adjust the display capture preferences Ensure that OBS is picking up your PCs and mic sound. In your Adjust the display capture preferences Ensure that OBS is picking up your PCs and mic sound. 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OBS Studio Properties for "Desktop Audio" Lastly, we will take a quick look at your OBS Studio Studio Properties for "Desktop Audio" Lastly, we will take a quick look at your OBS Studio Properties for "Desktop Audio" Lastly, we will take a quick look at your OBS Studio Properties for "Desktop Audio" Lastly, we will take a quick look at your OBS Studio Properties for "Desktop Audio" Lastly, we will take a quick look at your OBS Studio Properties for "Desktop Audio" Lastly, we will take a quick look at your OBS Studio Properties for "Desktop Audio" Lastly, we will take a quick look at your OBS Studio Properties for "Desktop Audio" Lastly, we will take a quick look at your OBS Studio Properties for "Desktop Audio" Lastly, we will take a quick look at your OBS Studio Properties for "Desktop Audio" Lastly, we will take a quick look at your OBS Studio Properties for "Desktop Audio" Lastly, we will take a quick look at your OBS Studio Properties for "Desktop Audio" Lastly, we will take a quick look at your OBS Studio Properties for "Desktop Audio" Lastly, we will take a quick look at your OBS Studio Properties for "Desktop Audio" Lastly, we will take a quick look at your OBS Studio Properties for "Desktop Audio" Lastly, we will be a properties for "Desktop Audio" Lastly, we will be a properties for "Desktop Audio" Lastly, we will be a properties for "Desktop Audio" Lastly, we will be a properties for "Desktop Audio" Lastly, we will be a properties for "Desktop Audio" Lastly, we will be a properties for "Desktop Audio" Lastly, we will be a properties for "Desktop Audio" Lastly, we will be a properties for "Desktop Audio" Lastly, we will be a properties for "Desktop Audio" Lastly at the propertie standard. Set the recording path to where you want your recordings to be saved. If you plan to make many recordings, we suggest using a file path in your storage partition with the most available space. We prefer to use .mp4 as my recordings to be saved. If you plan to make many recordings to be saved. If you plan to make many recordings to be saved. If you plan to make many recordings to be saved. If you plan to make many recordings to be saved. If you plan to make many recordings to be saved. If you plan to make many recordings to be saved. If you plan to make many recordings to be saved. If you plan to make many recordings to be saved. If you plan to make many recordings to be saved. If you plan to make many recordings to be saved. If you plan to make many recordings to be saved. If you plan to make many recordings to be saved. If you plan to make many recordings to be saved. If you plan to make many recordings to be saved. If you plan to make many recordings to be saved. 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When reducing this option to, let's say, 5000, then your file size will be too big, and your system will have issues recording. I like to use 20'000 to get a slightly better image. Set your keyframe interval to 2, preset to Quality and profile to main. For low-end PCs, we suggest using Performance as your preset. Lastly, set the GPU option to 0 and Max B-Frames to 2. You should now be able to record your screen in 1080p with a mic using OBS Studio. OBS Studio Settings > Output OBS Studio is officially distributed as a Flatpak on Flathub and a PPA for Ubuntu 24.04 and newer. For other installation methods, including unofficial packages, click here. If your distributed as a Flatpak Instructions You can install OBS Studio from Flathub here. If your distributed as a Flatpak Instructions (24.04+) Run these commands to install OBS Studio on Ubuntu via the official PPA: sudo add-apt-repository ppa:obsproject/obs-studio 20.1.1 License Open Source Language en You will be automatically redirected to the homepage in 30 seconds. Yoann Noail 11/29/2022 18:07 Open Broadcaster Software (better known as OBS) is an open-source program that allows you to record and broadcast everything that happens on your PC screen, whether it's video games, browser windows, running programs, or the signal from your webcam. It is very flexible and versatile and compatible with the most famous streaming platforms like Twitch, Facebook, and YouTube. contents Key features of OBS Studio? Interface: First things first, it features a modern, modular, and compelling interface you can rearrange exactly the way you want and pop out every Dock to its own window. That's exactly what you want, no matter whether you are a beginner or a professional, as it lets you explore and work efficiently with all the individual tools. Compose: You can achieve high-performance video and audio capturing and mixing in real time. Moreover, you can build scenes composed of multiple input sources, including images, window captures, texts, webcams, browser windows, and lots more. In a few words, you are the artist, and OBS Studio offers the flexibility you need to achieve whatever you want. © OBS Studio scales flawlessly and allows you to set up an unlimited number of scenes you can switch back and forth using custom transitions. Audio mixing: You have total power over audio mixing thanks to the per-source filters, including noise gate, noise suppression, and gain. Oh, and one last thing, you can even extend the possibilities and take complete control thanks to VST plugin support. Configuration options and tune all aspects of your recording and broadcast. Moreover, you can use configuration options to add new sources and duplicate and adjust them very easily. © OBS Studio Handy shortcuts: You can configure shortcuts for almost all types of actions, such as switching scenes, starting or stopping transmission, muting audio, etc. Advanced features: Professionals have specific needs, and OBS Studio understands that. That's why it features some advanced options such as Studio Mode, which allows you to preview your scenes and adjust them before broadcasting to Twitch, Facebook Live, YouTube, and many more (even on your own server). © OBS Studio Once installed and launched, you will see that most of its interface is occupied by a black window (which is the main scene preview). Select the audio and the image source, indicating whether it will be a screen capture, a window capture, a game capture, or other. For more information, you can also consult the official wiki page and the official quickstart guide. Is OBS Studio free? Yes. OBS Studio free? Yes. OBS Studio is a safe and virus-free application that contains no advertisement or unwanted third-party software and adware. Video recording and streaming Video Pinnacle Studio-Hinux-28-1-1-en.dmg, OBS-Studio-Windows-28-1-1-en.dmg, OBS-Studio-Windows-28-1-0-en.dmg, OBS-Studio available for content creators today. Whether you're recording YouTube videos, live streaming on Twitch, or conducting webinars, getting your OBS studio setup right can make all the difference. In this guide, we'll walk you through how to setup OBS for recording and streaming, plus share pro tips on OBS audio setup, Twitch integration, and more.Let's dive in!Downloading and Installing OBS Studio S the version that matches your OS.Download and InstallClick on the downloaded, run the installer. Follow the on-screen prompts — it's straightforward: accept the license, choose install location, and complete the setup. First Launch: After installation, launch OBS Studio. It may prompt you with an Auto-Configuration Wizard You can choose to run it or manually proceed with setting up OBS based on your needs. Pro Tip: Always download OBS only from the official site to avoid malware. How to Set Up OBS for Recording Video Resolution and FPSGo to Settings > Video. Set Base (Canvas) Resolution to match your monitor resolution (e.g., 1920x1080). Set Output (Scaled) Resolution to 1080p for high quality or 720p for smoother recordings, especially gaming or motion-heavy content. Setting up Output Formats and Encoders Navigate to Settings > Output > Recording.Recording Format: MP4 is popular but risky (file can corrupt if recording is interrupted). MKV is safer, and you can remux it to MP4 later inside OBS itself. Encoder: Use NVENC if you have an NVIDIA GPU (offloads encoding from your CPU). Otherwise, use x264 (CPU-based). Selecting the Recording PathIn the same Output tab, choose where your recordings will be saved. Make sure you pick a drive with enough storage space. 4. Scene and Source Setup for Screen Capture, Webcam, AudioIn the main OBS window: Click the + under Scenes to create a new scene. Under Source Setup for Screen Capture, Webcam, AudioIn the main OBS window: Click the + under Scenes to create a new scene. Under Source Setup for Screen Capture, Webcam, AudioIn the main OBS window: Click the + under Scenes to create a new scene. Under Source Setup for Screen Capture, Webcam, AudioIn the main OBS window: Click the + under Scenes to create a new scene. Under Source Setup for Screen Capture, Webcam, AudioIn the main OBS window: Click the + under Scenes to create a new scene. Under Source Setup for Screen Capture, Webcam, AudioIn the main OBS window: Click the + under Scenes to create a new scene. Under Source Setup for Screen Capture, Webcam, AudioIn the main OBS window: Click the + under Scenes to create a new scene. Under Source Setup for Screen Capture, Webcam, AudioIn the main OBS window: Click the + under Scenes to create a new scene. Under Source Setup for Screen Capture, Webcam, AudioIn the main OBS window: Click the + under Scenes to create a new scene. Under Source Setup for Screen Capture, Webcam, AudioIn the main OBS window: Click the + under Scenes to create a new scene. Under Source Setup for Screen Capture, Webcam, AudioIn the main OBS window. Capture Device (for webcam) Audio Input/Output Capture (for mic and system sound) And just like that, your basic OBS Studio setup for recording, it's time to move into the world of OBS streaming. Setting up OBS for live streaming properly ensures your content reaches your audience clearly and without interruptions. Whether you're aiming for Twitch, YouTube, Facebook Live, or another platforms of streaming Platforms, here's how to set up OBS for streaming the right way.1. Connecting Streaming Platform, here's how to set up OBS for streaming the right way.1. in OBS Studio.Under Service, select the platform you want to stream to — options include:TwitchYouTubeFacebook LiveTwitter/PeriscopeRestream (for multi-streaming)Custom (for RTMP servers)Important:OBS offers direct integration for popular platforms, making it easy for beginners. When you choose your service, OBS automatically optimizes some of the backend settings for that platform. 2. Entering Stream Keys Every streaming platform uses a unique Stream Key – basically a password that lets OBS broadcast to your account. Go to your chosen streaming platform's creator settings: Twitch: Settings > Stream > Primary Stream KeyYouTube: YouTube Studio > Settings > Stream > S KeyFacebook Live: Live Producer > Stream Key.ImPORTANT: Never share your stream key. In OBS Studio, paste it into Settings > Stream key. Anyone who has your stream key. Treat it like a password! Pro Tip: Some platforms (like Twitch and YouTube) now offer account linking with OBS, meaning you don't even have to manually copy/paste your stream key — you just log in directly.3. Recommended OBS Stream SettingsOnce your platform is connected, it's time to fine-tune your OBS studio settings for the best performance. Open Settings > Output > Streaming, and configure: Bitrate (Video Quality vs Bandwidth Usage):2500-4000 kbps for 720p @ 30fps streams (good for beginners and lower internet upload speed is at least 1.5 times your stream bitrate. Encoder: NVENC (NVIDIA hardware encoding) is recommended if you have an NVIDIA GPU — it offers high quality without overloading your CPU.x264 (software encoding) uses CPU processing and is good if you have a powerful CPU but no dedicated GPU.Rate Control: Choose CBR (Constant Bitrate) to maintain stable quality across your entire stream. Keyframe Interval: Set it to 2 seconds — it's required by most platforms like Twitch and YouTube. With these OBS stream settings, you'll be all set for a smooth, high-quality broadcast! Setting Up OBS Stream for TwitchWhen focusing on how to setup OBS for Twitch, there are a few specific tweaks that can dramatically improve your streaming quality, discoverability, and viewer engagement. Twitch has slightly different needs compared to YouTube or Facebook, so let's walk through the essentials for an optimal OBS stream setup on Twitch. 1. Twitch-Specific Setup TipsUse the NVENC Encoder (New Version): Twitch recommends using the updated NVENC (new) encoder if you have an NVIDIA GPU. Why? It delivers almost indistinguishable quality compared to x264 but uses much less CPU, allowing your games and OBS to run smoothly. Recommended Bitrate: 4500-6000 kbps for 1080p 60fps Twitch streams. 3500-5000 kbps if you're streaming at 720p or have slower internet speeds. Set the Preset and Profile: Preset: Choose Quality or Max Quality (if your GPU can handle it). Profile: Set to High for better video compatibility across different devices. Pro Tip: Lower latency is crucial for Twitch to keep your chat interactive and AlertsTwitch is heavily community-driven. It's not just about gameplay or content — it's about interacting with your viewers in real-time. That's why integrating chat, overlays, and alerts is vital. Chat Integration: Use services like Streamlabs or Stream en ones of the chat that show:Recent followersDonationsSubscriptionsBits cheersYou can drag-and-drop these elements inside OBS easily by adding browser sources. Pre-built themes (free and premium) are available on Streamlabs/StreamElements to make sure everything triggers correctly!3. Optimal Twitch OBS SettingsSince Twitch audiences expect smooth, interactive streams, fine-tuning your video settings is critical. Resolution Settings is critical. Resolution Settings is critical. Resolution Settings: 1920x1080 (1080p) for high-end streams. 1280x720 (720p) if your internet speed is limited or you're targeting mobile viewers. Frames Per Second (FPS): 60 FPS for fast-paced content (FPS games, action streams).30 FPS is fine for slower or casual content (talk shows, creative streams). Keyframe Interval: Always set to 2 seconds (this is mandatory for Twitch's encoding standards). Audio Settings: Twitch recommends a 160kbps bitrate for audio with a sample rate of 44.1kHz for compatibility across all devices. Color Format: Stick to NV12 and 709 color space for vibrant, Twitch-friendly visuals. Carefully setting up OBS for Twitch with these tweaks allows you to deliver a stream that makes your channel look more polished and professional. Viewers are much more likely to stick around — and return — when your stream looks and sounds great!OBS Audio SetupWhile crisp visuals catch the eye, it's clear, balanced audio that truly keeps your viewers engaged. A professional-sounding stream builds trust, increases watch time, and elevates your content quality immediately. Here's a complete guide to getting your OBS audio setup just right. 1. Choosing Input/Output Audio DevicesTo start, you need to tell OBS which audio devices to capture. Go to Settings > Audio inside OBS. Under the Global Audio Devices section, configure: Desktop Audio: Choose your system's speakers or headphones (where you hear your computer's sounds). This ensures game sounds, music, and notification sounds are captured. Mic/Auxiliary Audio: Select your microphone (USB mic, headset mic, headset mic, headset mic, and notification sounds are captured. Mic/Auxiliary Audio: Select your microphone (USB mic, headset mic Managing Desktop and Mic Audio LevelsNow that your sources are selected, it's crucial to balance your audio source (Desktop Audio, Mic/Aux) has a volume slider. Adjust the sliders carefully: Keep your desktop audio slightly lower than your microphone so your voice remains the primary focus. Your mic should typically peak around -10 dB to -5 dB on the volume meters — loud enough to be clear without risking distortion. Background music, if any, should sit much lower, around -30 dB to -20 dB, to avoid clashing with your speech. Pro Tip: Avoid letting any audio source hit the red zone (0) dB or higher) — it will sound distorted to your audience. You can also mute, solo, or adjust balance (left/right panning) for each source if needed. 3. Adding Filters: Noise Suppression, Gain, CompressionEven with the best mic, raw audio usually needs a little polishing. Thankfully, OBS lets you add professional-grade audio filters easily. Here's how:Right-click your microphone source inside the Audio Mixer. Select Filters > Click the + button to add a new filter. Recommended filters: Noise Suppression Removes low-level background sounds like computer fans, AC noise, or street hums. OBS offers two options: RNNoise (better quality, slightly heavier CPU usage) Speex (more customizable) Gain Boosts the overall input volume if your microphone is naturally quiet. Useful if even at maximum slider levels, your mic feels too soft. Compressor Evens out audio dynamics — loud sounds are toned down, and quiet louder in moments of excitement. Key settings: Threshold: Around -18 dBRatio: 3:1 or 4:1 for voiceAttack/Release: Adjust based on how snappy you want the compression to kick in. Advanced Tip: You can also explore adding a Limiter filter after the Compressor to ensure your audio never exceeds a certain volume, preventing sudden peaks or clipping. Why OBS Audio Setup MattersIn a competitive content world, bad audio can drive viewers away faster than bad video. Viewers will forgive a slightly blurry video but will rarely tolerate crackly mics, loud background noises, or inconsistent volume. With a carefully crafted OBS audio setup, including choosing the right devices, balancing audio levels properly, and applying smart filters, you can deliver clear, professional sound — turning casual viewers into loyal fans. Useful Features and Tips for Beginners Can feel overwhelming at first, but OBS studio is packed with powerful features that make both recording and streaming easier — once you know where to look! Whether you're gearing up for your first live stream or simply recording your screen, these features for beginners is OBS's robust hotkey system. You can assign keyboard shortcuts for almost every important action: Start/stop streamingStart/stop recordingSwitch between scenesMute/unmute your microphoneHide/show specific sourcesYou'll find these settings around your screen during a live session. It's an essential part of any smooth OBS stream setup.2. Studio Mode: Polished, Professional Transitions: Mistakes happen, but Studio Mode helps you minimize them!With Studio Mode, you get two screens:Preview (on the left): Set up and see your next scene before your audience does.Program (on the right): What your viewers are currently seeing. This is extremely useful for live streaming events, game streams, or webinars where you need smooth, professional scene changes. (Find it by clicking the "Studio Mode" button in the main OBS interface.) Use it to double-check scene layouts, camera framing, and audio setups before transitioning live!3. Plugins and Extensions: Expanding OBS's Powers: The true strength of OBS lies in its opensource nature — meaning you can add powerful plugins to customize and supercharge your setup. Some must-try OBS plugins include: OBS WebSocketAllows you to control OBS remotely — for example, from a smartphone or a second PC. Perfect if you want to run your stream hands-free or manage complex scenes while focusing on content delivery. Stream FXOne of the most popular plugins, Stream FX adds beautiful effects like blur, dynamic transitions. It's great for creating a visually stunning stream or recording without needing expensive software. Other notable mentions: Move Transition Plugin: Smoothly animate scene elements when you switch. Spectralizers Adds a real-time audio spectrum visualizer to your stream from basic to brilliant! Pro Tips for Beginners: 1. Always Test Before every important stream or recording, do a short local recording or private stream to test: Audio levelsVideo qualityScene transitionsStream stabilityTesting beforehand helps you catch small mistakes that could otherwise ruin a live session.2. Keep OBS Studio Updated: The OBS team frequently rolls out updates that fix bugs, improve performance, and add exciting new features. Always check for updates before important events — running outdated versions could lead to unnecessary crashes or incompatibilities. Enable auto-updates or manually check at obsproject.com to stay current.3. Use Performance-Friendly Settings: If you're using a mid-range or older machine, it's crucial to optimize your OBS studio setup for smoother operation: Lower your output resolution (e.g., 720p instead of 1080p). Reduce FPS to 30 instead of 60. Choose hardware encoding (NVENC/AMD) if available, to offload processing from the CPU. Close unnecessary background apps before streaming or recording. This ensures you deliver stable and high-quality content without taxing your system. 4. Organize Your Scenes and Sources Neatly: A chaotic list of scenes and sources can cause panic during a live stream. Here's how to stay organized: Name your scenes and sources clearly (e.g., "Intro Screen," "Main Cam," "Game Capture"). Group related sources into folders (right-click > Group Selected Items). Arrange your scenes in the order you plan to use them. A clean setup saves time and reduces mistakes, especially when switching scenes mid-stream. 5. Monitor Your Stream Health in Real-Time: OBS provides real-time stats like dropped frames, CPU usage, and bitrate stability. Enable View > Stats to keep an eye on your system performance while streaming. If you notice high dropped frames or encoding overload, adjust settings immediately to avoid major disruptions. Conclusion & Final Thoughts Mastering your OBS Studio setup takes a little time, but it's absolutely worth it. Whether you're setting up OBS for recording casual videos or doing a full OBS stream setup for Twitch or YouTube, this guide has given you all the basics (and some pro tips!). Keep experimenting, tweaking your OBS studio settings, and soon you'll feel like a streaming pro. And remember — setting up OBS for streaming or recording!FAQs1. Can OBS be used for Zoom/Google Meet?Yes! You can use OBS as a virtual camera to send enhanced video (with overlays, effects) into Zoom, Google Meet, and others. 2. What's the best bitrate for streaming with OBS?4500-6000 kbps is best for 1080p 60fps streaming. For 720p, 2500-4000 kbps works fine. 3. Is OBS good for beginners? Absolutely! OBS for beginners may seem overwhelming at first, but it's very beginner-friendly with plenty of tutorials and resources available.5. What is the best output for OBS streaming? Use MP4 for uploading ease but record initially in MKV to avoid file corruption risks.6. How do I set OBS to ultra-low latency? In OBS, set the Keyframe Interval to 2 seconds, lower your buffer size, and on platforms like Twitch/YouTube, select "Ultra Low Latency" in the stream settings. Create and stream high quality videos to online services like YouTube and Twitch.TV, OBS Studio is video capture and video broadcasting software for sharing live video streaming, the program functions perfectly as a capable video broadcasting software for sharing live video streaming, the program functions perfectly as a capable video streaming with a long list of online platforms. It's minimalist in design and setup but highly effective. Apart from live online streaming, the program functions perfectly as a capable video stream. capture application which can save captured video to disk in a variety of formats like MOV, MKV, MP4, etc. Stream quality can be configured in the application and depending on available bandwidth, a 4K resolution is possible. OBS Studio has a developer API which makes creating and download plug-ins easy and flexible. Within the program, you can also create transitions between scenes for a professional look. With OBS Studio, creating video from different sources is one of its main highlights, making capture of video game play, text, images, desktop recordings and more possible. All in all, we're looking at a highly flexible video capture application perfect for gamers and other online streamers. Features of OBS StudioIntegrates with Facebook, Twitch, Vimeo and YouTube. Audio Mixer: Customizable audio sources. Multiplatform Support: Stream and record on Windows, Mac and Linux. Plugins: Add custom effects and built-in plugins.Recording: Record video, audio, or both.Replay Buffer: Save replays of your broadcasts.Scene Preview: Preview scenes before switching.Scenes: Create and manage multiple scenes.Video Capture: Capture desktop, game, webcam and IP camera. Video Filters: Add custom video filters. Video Preview: Preview videos before broadcasting. Compatibility and License OBS Studio is available for free and released under the open source GPLv2 license on Windows from video capture software. The license provides the options to freely download, install, run and share this program without any restrictions. The source code for OBS Studio should be freely available and modifications are certainly permitted as well as the option to inspect the software. Open Broadcaster Software accepts donations for the continued development of this free software. What version of Windows can OBS Studio run on? OBS Studio can be used on a computer running Windows 11 or Windows 10. Previous versions of the OS shouldn't be a problem with Windows 8 and Windows 7 having been tested. It comes in both 32-bit and 64-bit downloads. Other operating systems: The latest OBS Studio version from 2025 is also available for Mac. Filed under: OBS (also known as Open Broadcaster Software or OBS Studio) is an open-source software used for live video broadcasting and video recording. It's widely used by live streamers because it's free, can handle a wide range of tasks, and produces high-quality broadcasts. OBS Studio is primarily used for: Capturing gameplay Capturing video and audio from a webcam and microphoneScreen recordingBroadcasting video and audio to online streaming platforms such as Twitch and YouTubeIt has several other features that let you customize your streaming experience. How to use OBS StudioIf you're using OBS Studio for the first time, follow these steps to start broadcasting your first live video.1. Download and install it. Once it's installed, the auto-configuration wizard will ask for permission to run. If you want to start live streaming as soon as possible and aren't sure what the best settings are, let the auto-configuration wizard do its thing. It'll test for the best settings and choose those for you. You can always change these settings later. Create a sceneOBS Studio uses scenes, which are a combination of video and audio input from your mic, and video input from your computer screen, you'll have to add each one as a source in OBS.3. Add sourcesThe video sources you can choose from in OBS Studio are:Game capture (make your monitor a source)ImageMedia (pre-recorded videos or audio)Text (for captions, etc.)Placing one source above another in the source list at the bottom of the OBS dashboard will layer them on top of your gameplay, you would place Video Capture Device source above Game Capture in the source list.4. Add filters and effectsTo add a filter or special effect to your source, right-click on it and choose Filters. You can also resize and arrange your sources by dragging them around the canvas and using Ctrl + Alt + Shift to drag and resize. Studio. When Studio Mode in OBS Stud is on, you'll see what's actually live on the right side of your screen. On the left, you can edit your screen, choose transitions or change to another scene. Start streaming in OBSTo start a new broadcast using OBS Studio, you need to choose one platform to stream to. OBS natively integrates with several popular live streaming services, like Twitch, YouTube, Facebook and more. If you want to live stream on Twitch, go to Settings and then select the Stream tab. From the drop-down menu at the top, select Twitch stream key if you don't want to give your account username and password. Multistream with OBSIf you want to go live on multiple platforms simultaneously, you'll need another software besides OBS Studio. When you start streaming platforms to broadcast to simultaneously. Simply create a Restream and OBS Studio. When you start streaming platforms to broadcast to simultaneously. from OBS, your broadcast will go to all your selected channels. For more details on setting up OBS Studio for the first time, read our OBS Studio integration page. OBS Studio is 100% free. You can download it from the OBS Studio website and install it on your computer without paying anything. It works with PC, Mac and Linux. OBS Studio is completely legal to use. The software is developed by volunteers who contribute to it in their free time. It's distributed under a GPLv2 license. As long as you download OBS Studio from the official OBS Studio website, you won't have to worry about whether it's legal or not. OBS Studio is safe to use for broadcasting and recording video. It's an open-source software, so users and developers are constantly checking the software's code for bugs and security issues. Since it's so widely used, most of those issues end up getting resolved pretty quickly once they're identified. Make sure you download OBS Studio from a reputable source — directly from the OBS Studio provides real-time capture, encoding, and broadcasting for YouTube, Twitch, Instagram, and many other providers. High performance real time video/audio capturing and mixing. Create scenes made up of multiple sources including windows, webcams, capture cards, and more. Is OBS Studio the best option for streaming and adding alerts? OBS Studio is widely regarded as the top choice because it delivers superior performance, minimal system overhead, and extensive plugin support. Alerts and overlays are easily added using browser sources from services like StreamElements or Streamer.bot. Some report a streamlined OBS setup with light CPU usage and full control over customizations. What plugins do experienced users find essential? Streamers recommend plugins such as OBS Scene Nesting for managing reusable elements across multiple scenes and Timestamp for clipping video. Scene nesting allows you to centralize overlays and audio setups, making changes propagate across all scenes automatically. Does switching from Streamlabs OBS improve performance? Many users who switched from Streamlabs OBS to OBS Studio noticed fewer dropped frames and better resource management. OBS uses less CPU, providing a more stable environment for streaming and gaming simultaneously. Why is my desktop audio not capturing? This issue usually occurs due to misconfigured audio devices or forgetting to enable desktop audio in the Global Audio settings. To fix it, set your desktop audio device properly, ensure it's not disabled in mixer settings, and verify levels move during playback. Is OBS Studio free for commercially without restrictions, it won't add watermarks and has no limitations. You can use OBS Studio for professional streaming, recording videos? Yes, OBS Studio is excellent for recording videos. It offers high-quality output, customizable settings, and supports multiple sources like webcams, screens, and microphones. Many creators use it for tutorials, gameplay, and presentations. Can you edit videos in OBS Studio? No, OBS Studio? No, OBS Studio? No, OBS Studio does not support video editing, you'll need separate software like DaVinci Resolve, Shotcut or VSDC Video Editor, which are great free options. What are OBS Studio basic system requirements? Operating System: Windows 10 or later, macOS 11+, or a modern Linux distro CPU: Intel i5 2000-series / AMD FX series or better For smooth recording or streaming, especially at 1080p, a stronger CPU and GPU are recommended. Features High performance real time video/audio capturing and mixing, with unlimited scenes you can switch between seamlessly via custom transitions. Live streaming to Twitch, YouTube, Periscope, GoodGame, DailyMotion, Hitbox, VK and any other RTMP server Filters for video sources such as image masking, color correction chroma/color keying, and more. x264, H.264 and AAC for your live streams and video recordings Intel Quick Sync Video (QSV) and NVIDIA NVENC support. GPU-based game capture for high performance game streaming Unlimited number of scenes and sources Number of different and customizable transitions for when you switch between scenes Hotkeys for almost any action such as start or stop your stream or recording, push-to-talk, fast mute of any audio source, show or hide any video source, switch between scenes, and much more Live preview of any changes on your scenes and sources using Studio Mode before pushing them to your stream where your viewers will see those changes DirectShow capture device support (webcams, capture device support (webcams, capture device support (webcams, capture device support (webcams, capture device)). Settings panel for quickly configuring your broadcasts and recordings. Switch between different profiles with ease. Light and dark themes available to fit your environment. ... and many other features. For free. At all. What's New 31.1.1 Hotfix Changes Fixed a crash when using YouTube browser docks [Warchamp7] Fixed an issue causing RTMPS streams to fail in some cases [RytoEX] Fixed an issue causing Browser Source hardware acceleration to fail on Linux [reitowo/tytan652] 31.1 New Features Added support for Windows on Arm (WoA) [thirumalai-qcom/PatTheMav/RytoEX] Builds for WoA are not fully featured and should be considered experimental For more information, see: Added new UI appearance options, font size and density (padding/spacing) [Warchamp7] Added support for Multitrack Video to Linux [lexano-ivs] Added support for additional canvases for Multitrack Video output [dsaedtler] Added support for color format/space/range GPU conversion [dsaedtler] Added support for network optimizations and TCP Pacing to Multitrack Video [lexano-ivs] Added support for Stream Delay to Multitrack Video format/space/range GPU conversion [dsaedtler] Added support for network optimizations and TCP Pacing to Multitrack Video format/space/range GPU conversion [dsaedtler] Added support for network optimizations and TCP Pacing to Multitrack Video format/space/range GPU conversion [dsaedtler] Added support for network optimizations and TCP Pacing to Multitrack Video format/space/range GPU conversion [dsaedtler] Added support for network optimizations and TCP Pacing to Multitrack Video format/space/range GPU conversion [dsaedtler] Added support for network optimizations and TCP Pacing to Multitrack Video format/space/range GPU conversion [dsaedtler] Added support for network optimizations and TCP Pacing to Multitrack Video format/space/range GPU conversion [dsaedtler] Added support for network optimizations and TCP Pacing to Multitrack Video format/space/range GPU conversion [dsaedtler] Added support for network optimizations and TCP Pacing format/space/range GPU conversion [dsaedtler] Added support for network optimizations and TCP Pacing format/space/range GPU conversion [dsaedtler] Added support for network optimization Video [lexano-ivs] Added Spatial AQ option for VideoToolbox encoders on macOS 15+ [dsaedtler] Added support for VAL2 virtual camera on non-Linux environments (e.g., BSD) [yurivict] Added support for hardware accelerated browser source to Linux [tytan652] The feature is disabled on NVIDIA GPUs due to feature-support inconsistencies across model series and driver series 31.1 Changes Updated game capture with games from Riot Games that use Vanquard Added logging for streaming service recommended settings [prgmitchell] Adjusted appearance of Scene Collection importer [Warchamp7] Adjusted appearance of Sources list [Warchamp7] Adjusted appearance list [Warchamp7] Adjusted appearance list [Warchamp7] Adjusted appearance list [Warchamp7] Adjusted appear other UI aspects of the dialog Fixed a bug when locating only a single file that caused the additional files prompt to appear twice Reorganized Preview/Source context menu [Warchamp7] Unified appearance of menus [Warchamp7] Unified appearance of Multitrack Video reconnection behavior [dsaedtler] Changed hotkeys on macOS to require Input Monitoring permission instead of Accessibility [gxalpha] Updated Video Capture Devices and Capture Devices on macOS to a unified list-based format selector when not using a preset [jcm93/PatTheMav/Warchamp7] Removed the Exit button from the Controls dock [Warchamp7] 31.1 Bug Fixes Fixed a crash with Media Sources with no video frame size, such as audio files [RytoEX/jeiea] Fixed a crash on Windows with Vulkan Direct Display if OBS Studio is installed [mbechard] Fixed a crash on Windows when importing a profile with a Unicode path [PatTheMav] Fixed a crash on macOS 13 or older when a Browser Source or Browser Dock was added or loaded [jcm93/PatTheMav/RytoEX] Fixed a freeze if an item was cropped further than its original dimensions [Lain-B] Fixed a possible crash in Multitrack Video output [lexano-ivs] Fixed a possible crash when adding a procedure handler [norihiro] Fixed a possible crash when loading a procedure handler [norihiro] Fixed a possible crash when adding a procedure handler [norihiro] Fixed a possible crash when loading a procedure handler [norihiro] Fixed a possible crash when adding a procedure handler [norihiro] Fixed a possible crash when loading a procedure handler [norihiro] Fixed a possible crash when adding a procedure handler [norihiro] Fixed a possible crash when loading a procedure handler [norihiro] Fixed a possible crash when loading a procedure handler [norihiro] Fixed a possible crash when loading a procedure handler [norihiro] Fixed a possible crash when loading a procedure handler [norihiro] Fixed a possible crash when loading a procedure handler [norihiro] Fixed a possible crash when loading a procedure handler [norihiro] Fixed a possible crash when loading a procedure handler [norihiro] Fixed a possible crash when loading a procedure handler [norihiro] Fixed a possible crash when loading a procedure handler [norihiro] 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[norihiro] Fixed an issue with Browser source audio distortion on Windows [xtfo] Fixed a possible packet loss issue with WebRTC output [Sean-Der] Fixed R10L format output having bad RGB values [jpark37] Fixed lookahead depth value logging for NVENC [DeeDeeG] Fixed manifest commit hash comparison in updater [dsaedtler] Fixed encoder throughput checks in AMF for older AMD drivers [rhutsAMD] Fixed 10-bit and 16-bit PipeWire captures [PancakeTAS] Fixed text input field in name dialogs (New/Rename/Duplicate) not being focused by default [Warchamp7] Fixed some buttons not being readable by VoiceOver on macOS [gxalpha] Fixed v4L2 virtual camera start failure on Linux [stephematician] Fixed v4L2 virtual camera start failure on Linux [stephematician] Fixed v4L2 virtual camera start failure on Linux [stephematician] Fixed v4L2 virtual camera start failure on Linux [stephematician] Fixed v4L2 virtual camera start failure on Linux [stephematician] Fixed v4L2 virtual camera start failure on Linux 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issue on Linux where hotkeys could stop working [norihiro] Fixed an issue with Multitrack Video where a stream would disconnect after 48 hours and fail to reconnect [dsaedtler] Fixed an issue with Multitrack Video where a stream would disconnect after 48 hours and fail to reconnect [dsaedtler] Fixed an issue with Multitrack Video where a stream would become corrupted when updating [norihiro] Fixed an issue with Multitrack Video where a stream would become corrupted when updating [norihiro] Fixed an issue with Multitrack Video where a stream would become corrupted when updating [norihiro] Fixed an issue with Multitrack Video where a stream would be come corrupted when updating [norihiro] Fixed an issue with Multitrack Video where a stream would be come corrupted when updating [norihiro] Fixed an issue with Multitrack Video where a stream would be come corrupted when updating [norihiro] Fixed an issue with Multitrack Video where a stream would be come corrupted when updating [norihiro] 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