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Between the multimedia players, VLC Media Player stands out as a versatile and powerful tool. Widely recognized for its open-source nature and cross-platform compatibility, VLC has become a go-to choice for users seeking a comprehensive media experience. What is VLC Media Player, formerly known as the VideoLAN Client, is a free and open-source media player software developed by the VideoLAN project. Its design philosophy revolves around being a portable, cross-platform solution, making it accessible on both desktop operating systems and mobile platforms. VLC's journey began with a focus on video playback, but over the years, it has evolved into a multimedia powerhouse, supporting various audio and video formats. What are the key features of VLC Media Player? Multimedia playerVLC's primary function is, of course, media playback. Whether you're watching a video or listening to music, VLC supports an extensive range of file formats, making it a versatile player for all your multimedia needs. Its ability to handle diverse codecs and containers sets it apart from many competitors. Audio and music player Beyond video playback, VLC excels as an audio formats and customization options, it provides a satisfying listening experience. Users can create playlists, manage their music libraries, and enjoy highquality audio playback. Subtitles synchronization VLC Media Player offers a robust subtitle synchronization feature. This allows users to fine-tune subtitle timing to match the audio and video playback precisely. Whether you're watching content in a foreign language or dealing with poorly synchronization feature. This allows users to fine-tune subtitle timing to match the audio and video playback precisely. Whether you're watching content in a foreign language or dealing with poorly synchronization. viewing experience. File transcoding Transcoding is a process of converting media files from one format to another. VLC's built-in transcoding capabilities make it a handy tool for users who need to convert their media files for compatibility with different devices or platforms. This feature adds a layer of flexibility for users with diverse media requirements. Streaming VLC isn't just a local media player; it's also a powerful streaming tool. Users can stream content over a network or the internet, turning VLC into a versatile media server. This functionality is particularly useful for those who want to share content with others or access their media library remotely. Digital TV tunerFor users with a digital TV tuner, VLC Media Player offers the capability to watch and record live TV. This extends VLC's functionality beyond traditional media playback, providing a comprehensive solution for users who want an all-in-one media center. DVD playback by the considered somewhat old-fashioned in today's streaming era, VLC continues to support DVD playback. This inclusion caters to users who still have a collection of DVDs or prefer physical media, ensuring backward compatibility. Audio CD player. This feature consolidates various media playback needs into a single application, simplifying the user experience. Is it safe to Use VLC Media Player? Safety is a paramount concern when it comes to software, especially when dealing with multimedia players that handle diverse file types. VLC Media Player has a strong reputation for being safe and secure. Being an open-source project, VLC benefits from a community of developers who continually review the code for vulnerabilities and contribute to its improvement. Additionally, VLC's commitment to user privacy is evident in its minimal data collection practices. Unlike some other media player? VLC's user interface is designed with simplicity in mind, making it accessible to both casual users and those seeking advanced features. Here's a brief overview of using VLC Media Player:Installation: Download VLC from above. Follow the installation instructions for your specific operating system. Media playback: Open VLC and use the "Media" menu to open files or streams. VLC's wide format support ensures compatibility with a broad range of media files. Customize your media library. Subtitle management: If needed, load subtitles for your media. VLC allows you to adjust subtitle synchronization for a seamless viewing experience. Transcoding: For users requiring file conversion, use the transcoding feature under the "Media" menu. Select the desired output format and start the transcoding process. Streaming: To use VLC as a media server, access the "Stream" option under the "Media" menu. Follow the prompts to set up streaming over a local network or the internet. Digital TV tuner: If you have a digital TV tuner, navigate to the "Playlist" option. From there, you can access and manage digital TV tuner: If you have a digital TV tuner, navigate to the "Playlist" option. From there, you can access and manage digital TV tuner: If you have a digital TV tuner and Select the "Playlist" option. From there, you can access and manage digital TV tuner. alternatives to VLC Media PlayerWhile VLC is a robust and feature-rich media player, users may have specific preferences or requirements that lead them to explore alternatives. Here are some notable alternatives to VLC Media Player Classic Home Cinema): Known for its lightweight design, MPC-HC is a straightforward media player that supports a wide range of formats. It's suitable for users who prefer a minimalist interface. Kodi: If you're looking for a comprehensive media center solution, Kodi is a powerful open-source platform. It supports an array of add-ons, making it highly customizable for different media needs. PotPlayer: With a sleek interface and advanced features, PotPlayer is a solid choice for users who want a media player with extensive customization options. It supports a variety of file formats and codecs. MPV: This open-source media player is known for its simplicity and efficiency. MPV focuses on providing a clean and minimalistic interface while delivering high-quality playback. SMPlayer: Built on the MPlayer engine, SMPlayer offers a user-friendly interface and additional features like YouTube playback integration. It's suitable for users who appreciate a more polished and intuitive design. Whats next? While details are still under wraps, VLC 4.0 is shaping up to be an industry game-changer. A web version for browser-based playback of various media formats is in the works, alongside a possible dive into the world of free, ad-supported streaming channels (FAST) right within the interface. These ambitious upgrades hint at a more comprehensive media experience, potentially rivaling streaming giants and other media hubs. Furthermore, a version designed for Apples Vision Pro headset is under development. VLC Media Player: A good choiceIn conclusion, VLC Media Player has earned its reputation as a reliable and versatile multimedia player. Its wide format support, advanced features, and commitment to user privacy make it a favorite among users with diverse media needs. Whether you're watching videos, listening to music, streaming content, or managing live TV, VLC excels in providing a seamless and customizable experience. While VLC remains a top choice, it's worth exploring alternative media players based on individual preferences. Whether you prioritize a minimalist design, extensive customization options, or a comprehensive media center experience, the alternatives mentioned above offer unique features to cater to different user needs. Free and open-source media-player and streaming-media-serverVLC media playerLogo used since 2005VLC 3.0.10 (running on Linux and GNOME, playing Spring, a short film by the Blender Foundation) with its preferences and effectsDeveloper(s)VideoLANInitial releaseFebruary1, 2001; 24 years ago(2001-02-01)[1]Stable release(s) []Windows, Linux, & macOS3.0.21[2] / 5 June 2024; 13 months ago(5 June 2024; 13 months ago(5 June 2024)Android3.6.5[3] / 7 May 2025; 2 months ago(5 June 2024)Android3.6.5[3] / 7 May 2025; 2 months ago(5 June 2024)Android3.6.5[3] / 7 May 2025; 2 months ago(5 June 2024)Android3.6.5[3] / 7 May 2025; 2 months ago(5 June 2024)Android3.6.5[3] / 7 May 2025; 2 months ago(5 June 2024)Android3.6.5[3] / 7 May 2025; 2 months ago(5 June 2024)Android3.6.5[3] / 7 May 2025; 2 months ago(5 June 2024)Android3.6.5[3] / 7 May 2025; 2 months ago(5 June 2024)Android3.6.5[3] / 7 May 2025; 2 months ago(6 June 2024)Android3.6.5[3] / 7 May 2025; 2 months ago(7 May 2025)Android3.6.5[3] / 7 May 2025; 2 months ago(7 May 2025)Android3.6.5[3] / 7 May 2025; 2 months ago(8 June 2024)Androi 2024)Windows (UWP)3.1.2 / 20July 2018; 7 years ago(2018-07-20)[8]Repositorycode.videolan.org/videolan/vlc Written inCore: CGUI: C++ (with Qt), Objective-C (with Cocoa), Swift, JavaBundled Extensions: Lua[9]Operating systemWindows, Windows Phone, ReactOS, macOS, Linux, Android, Android TV, ChromeOS, iOS, iPadOS, tvOS, watchOS, Xbox system softwarePlatformIA-32, x86-64, ARM, ARM64, MIPS, PowerPCAvailable in106 languages[10]TypeMedia player (previously the VideoLAN Client) is a free and open-source, portable, cross-platform media player software and streaming media server developed by the VideoLAN project. VLC is available for desktop operating systems and mobile platforms, such as Android, iOS and iPadOS. VLC is also available on digital distribution platforms such as Apple's App Store, Google Play, and Microsoft Store.VLC supports many audio and video-compression methods and file formats, including DVD-Video, Video CD, and streaming-protocols. It is able to stream media over computer networks and can transcode multimedia files.[13]The default distribution of VLC includes many free decoding and encoding libraries, avoiding the need for finding/calibrating proprietary plugins. The libavcodec library from the FFmpeg project provides many of VLC's codecs, but the player mainly[14] uses its own muxers and demuxers. It also has its own protocol implementations. It also gained distinction as the first player to support playback of encrypted DVDs on Linux and macOS by using the libdvdcss DVD decryption library; however, this library is legally controversial and is not included in many software repositories of Linux distributions as a result.[15][16]The VideoLAN client when VLC was a client of the VideoLAN project. Since VLC is no longer merely a client, that initialism no longer applies.[17][18] It was intended to consist of a client and server[19] to stream videos from satellite dishes across a campus network. Originally developed by students at the cole Centrale Paris, it is now developed by contributors worldwide and is coordinated by VideoLAN, a non-profit organization. Rewritten from scratch in 1998, it was released under GNU General Public License on February 1, 2001, with authorization from the headmaster of the server-program, VideoLan Server (VLS), has mostly been subsumed into VLC and has been deprecated. [20] The project name has been changed to VLC media player because there is no longer a client/server infrastructure. The cone icon used in VLC is a reference to the traffic cones collected by Richard iestad.[citation needed]In 2007 the VLC project decided, for license compatibility reasons, not to upgrade to the just-released GPLv3.[22] After 13 years of development, version 1.0.0 of VLC media player was released on July 7, 2009.[23] Work began on VLC for Android in 2010 and it has been available for Android devices on the Google Play store since 2011.[24][25] In September 2010, a company named "Applidium" developed a VLC port for iOS under GPLv2 with the endorsement of the VLC groject, which was accepted by Apple for their App Store.[26][27] In January 2011, after VLC developer Rmi Denis-Courmont's complaint to Apple about the licensing conflict between the VLC's GPLv2 and the App store's policies,[28] the VLC had been withdrawn from the Apple App Store by Apple.[29] Subsequently, in October 2011 the VLC authors began to relicense the engine parts of VLC from the GPL-2.0-or-later to the LGPL-2.1-or-later to achieve better license compatibility, for instance with the Apple App Store.[30][31][32][33] In July 2013 the VLC application could be resubmitted to the iOS App Store under the MPL-2.0.[34] Version 2.0.0 of VLC media player was released on February 18, 2012.[35][36] The version for the Windows Phone and Xbox One were added later.[37] As of 2016[update] VLC was the third in the SourceForge overall download count.[38] Version 3.0 was in development for Windows, Linux and macOS since June 2016[39] and released in February 2018.[40] It contains many new features including Chromecast output support (except subtitles[41]), hardware-accelerated decoding enabled by default, 4K and 8K playback, 10-bit and HDR playback, 360 video and 3D audio, audio passthrough for HD audio codecs, BD-J menu support, and local network drive browsing. In December 2017 the European Parliament approved a budget that funds a bug bounty program for VLC to improve the EU's IT infrastructure. [42] In January 2025, the VLC project revealed a demonstration at CES 2025 displaying offline AI-powered translation and subtitling in the software and announced that it had reached more than 6 billion downloads.[43][44][45]Starting with version 1.1.0, VLC release codenames refer to characters from Terry Pratchett's Discworld novels; an exception is release 2.2.1, which came out shortly after Pratchett's death on March 12, 2015, and which was codenamed Terry Pratchett in honor of the author himself. Version [46] Codename [47] Release date 1.0.0 Goldeneye 2009-07-281.0.22009-07-281.0.22009-07-281.0.22009-07-281.0.22010-07-281.1.2010-07-291.1.32010-08-181.1.42010-08-181.1 271.1.52010 - 11 - 131.1.62011 - 01 - 231.1.72011 - 02 - 011.1.82011 - 03 - 231.1.92011 - 04 - 121.1.102011 - 06 - 061.1.112011 - 07 - 121.1.102011 - 06 - 061.1.112011 - 07 - 012.0.32012 - 07 - 012.0.3212.1.0 Rincewind 2013-09-262.1.12013-11-142.1.22013-11-142.104-233.0.32018-05-293.0.42018-05-293.0.42018-08-313.0.52018-12-273.0.62019-01-103.0.72019-06-073.0.82019-08-193.0.112020-04-283.0.112020-06-163.0.11.12020multimedia frameworks, has a very modular design which makes it easier to include modules/plugins for new file formats, codecs, interfaces, or streaming methods. VLC 1.0.0 has more than 380 modules. [48] The VLC core creates its own graph of modules dynamically, depending on the situation: input protocol, input file formats, input codec, video card capabilities and other parameters. In VLC, almost everything is a module, like interfaces, video and audio/video filters. Keyboard map (basic) The default GUI is based on Be API on BeOS, Cocoa for macOS, and Qt 5 for Linux and Windows, but all give a similar standard interface. The old default GUI was based on wxWidgets on Linux and Windows.[49] VLC supports highly customizable skins through the skins2 interface, [50] and also supported in the macOS version.[52] VLC has ncurses, [53] remote control, [54] and telnet [55] console interfaces. There is also an HTTP[56] interface, as well as interfaces for mouse gestures and keyboard hotkeys.[57]The desktop version of VLC media player has some filters that can distort, rotate, split, deinterlace, and mirror videos as well as create display walls or add a logo overlay during playback. It can also output video as ASCII art. An interactive zoom feature allows magnifying into video during playback.[58] Still images can be extracted from video at original resolution,[59] and individual frames can be gamified by splitting the picture inside the viewport into draggable puzzle pieces, where the row and column count can be set as desired.[61]For audio playback, this picture inside the viewport into draggable puzzle pieces, where the row and column count can be set as desired.[61]For audio playback, this picture inside the viewport into draggable puzzle pieces, where the row and column count can be set as desired.[61]For audio playback, this picture inside the viewport into draggable puzzle pieces, where the row and column count can be set as desired.[61]For audio playback, this picture inside the viewport into draggable puzzle pieces, where the row and column count can be set as desired.[61]For audio playback can be gamified by splitting the picture inside the viewport into draggable puzzle pieces, where the row and column count can be set as desired.[61]For audio playback can be gamified by splitting the picture inside the viewport into draggable puzzle pieces, where the row and column count can be set as desired.[61]For audio playback can be gamified by splitting the picture inside the viewport into draggable puzzle pieces, where the row and column count can be set as desired.[61]For audio playback can be set as desired.[61]For audio pl feature includes an equalizer and other filters that help customize sound quality. Because VLC is a packet-based media player it plays almost all video content. Even some damaged, incomplete, or unfinished files can be played, such as those still downloading via a peer-to-peer (P2P) network. It also plays m2t MPEG transport streams (.TS) files while they are still being digitized from an HDV camera via a FireWire cable, making it possible to monitor the video as it is being recorded. The player can also use libcdio to access .iso files so that users can play files on a disk image, even if the user's operating system cannot work directly with .iso images.VLC supports all audio and video formats supported by libavcodec and libavformat. This means that VLC can play back H.264 or MPEG-4 Part 2 video as well as support FLV or MXF file formats "out of the box" using FFmpeg's libraries. VLC is one of the free software DVD players that ignore DVD region coding on RPC-1 firmware drives, making it a region-free player. However, it does not do the same on RPC-2 firmware drives, as in these cases the region coding is enforced by the drive itself, however, it can still brute-force the CSS encryption to play a foreign-region DVD on an RPC-2 drive. VLC media player can play high-definition recordings of D-VHS tapes duplicated to a computer using CapDVHS.exe. This offers another way to archive all D-VHS tapes with the DRM copy freely tag. Using a FireWire connection from cable boxes to computers, VLC can stream live, unencrypted content to a monitor or HDTV. VLC media player can display the playing video as the desktop wallpaper, like Windows DreamScene, by using DirectX, only available on Windows operating systems. VLC media player can record the desktop and save the stream as a file, allowing the user to create screencasts. [62][63][64] On Microsoft Windows, VLC also supports the Direct Media Object (DMO) framework and can thus make use of some third-party DLLs (Dynamic-link library). On most platforms, VLC can tune into and view DVB-C, DVB-T, and DVB-S channels. On macOS the separate EyeTV plugin is required, on Windows it requires the card's BDA Drivers. VLC can be installed or run directly from a USB flash drive or other external drive. VLC can be extended through scripting; it uses the Lua scripting language.[65][66] VLC can play videos in the AVCHD format, a highly compressed format used in recent HD camcorders. VLC can generate a number of music visualization displays. The program is able to convert media files into various supported formats.[67]Both desktop and mobile releases are equipped with an audio equalizer.[68]A red Santa hat appears on top of VLC's traffic-cone logo during Christmas seasons. [69] The keyboard shortcuts are described in the VLC media player "Preferences". On a Microsoft Windows PC open the Preferences by pressing Ctrl + p. Then click on the "Hotkeys" menu (top right of the screen). There are single-button shortcuts in VLC that don't require Ctrl or Alt button. For example, pressing keys F and G while a video file is running in VLC shifts the file's audio/video sync for 50 millisecond per adjustment. [70] This is useful to fix an issue with the sound being ahead or lagging behind the video. VLC media player is cross-platform, with versions for Windows, macOS, Linux, iOS, Android, tvOS ChromeOS, Windows Phone, various BSD-based systems, Solaris, BeOS, OS/2, and Syllable.[71] However, forward and backward compatibility between versions of VLC media player and different versions of VLC media player and different versions of VLC media player. [74]The VLC port for Windows 8 and Windows 10 is backed by a crowdfunding campaign on Kickstarter to add support for a new GUI based on Microsoft's Metro design language, that will run on the Windows Runtime. All the existing features including video filters, subtitle support, and an equalizer are present in Windows 8.[75] A beta version of VLC for Windows 8 was released to the Microsoft Store on March 13, 2014.[76] A universal app was created for Windows 8, 8.1, 10, Windows Phone 8, 8.1 and Windows 10 Mobile.VLC media player on AndroidIn May 2012, the VLC team stated that a version of VLC for Android was being developed.[77] The stable release version 1.0 was made the VLC Core, for C and C++[80]VLCKit an Objective-C framework for macOS[81]LibVLCSharp Crossplatform .NET bindings to libVLC (C#/F#/VB)[82]JavaScript API the evolution of ActiveX API and Firefox integration[83]D-Bus controls[84]Go bindings[85]Python controls[86]Java API[87]DirectShow filters[88]Delphi/Pascal API: PasLibVlc by Robert Jdrzejczyk[89]Free Pascal bindings and an OOP wrapper component, via the libvlc.pp and vlc.pp units. 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This comes standard with the Free Pascal bindings and an OOP wrapper component, via the libvlc.pp and vlc.pp units. Windows, uses VLC to preview the video with the edited subtitles.[93]VLC can read many formats, depending on the operating system it is running on, including:[94]Container formats: 3GP,[a] ASF, AVI, DVR-MS, FLV, Matroska (MKV), MIDI,[b] QuickTime File Format, MP4, Ogg, OGM, WAV, MPEG-2 (ES, PS, TS, PVA, MP3), AIFF, Raw audio, Raw depending on the operating system, including:Container formats: ASF, AVI, FLAC, FLV,[e] Fraps,[e] Matroska, MP4, MPJPEG, MPEG-2 (ES, MP3), Ogg, PS, PVA, QuickTime File Format, TS, WAV, WebMAudio coding formats: AAC, AC-3, DV Audio, FLAC, MP3,[i] Speex, VorbisStreaming protocols: HTTP, MMS, RTSP, RTP, UDPVideo coding formats: AAC, AC-3, DV Audio, FLAC, MP3,[i] Speex, VorbisStreaming protocols: HTTP, MMS, RTSP, RTP, UDPVideo coding formats: AAC, AC-3, DV Audio, FLAC, MP3,[i] Speex, VorbisStreaming protocols: HTTP, MMS, RTSP, RTP, UDPVideo coding formats: AAC, AC-3, DV Audio, FLAC, MP3,[i] Speex, VorbisStreaming protocols: HTTP, MMS, RTSP, RTP, UDPVideo coding formats: AAC, AC-3, DV Audio, FLAC, MP3,[i] Speex, VorbisStreaming protocols: HTTP, MMS, RTSP, RTP, UDPVideo coding formats: AAC, AC-3, DV Audio, FLAC, MP3,[i] Speex, VorbisStreaming protocols: HTTP, MMS, RTSP, RTP, UDPVideo coding formats: AAC, AC-3, DV Audio, FLAC, MP3,[i] Speex, VorbisStreaming protocols: HTTP, MMS, RTSP, RTP, UDPVideo coding formats: AAC, AC-3, DV Audio, FLAC, MP3,[i] Speex, VorbisStreaming protocols: HTTP, MMS, RTSP, RTP, UDPVideo coding formats: AAC, AC-3, DV Audio, FLAC, MP3,[i] Speex, VorbisStreaming protocols: HTTP, MMS, RTSP, RTP, UDPVideo coding formats: AAC, AC-3, DV Audio, FLAC, MP3,[i] Speex, VorbisStreaming protocols: HTTP, MMS, RTSP, RTP, UDPVideo coding formats: AAC, AC-3, DV Audio, FLAC, MP3,[i] Speex, VorbisStreaming protocols: HTTP, MMS, RTSP, RTP, UDPVideo coding formats: AAC, AC-3, DV Audio, FLAC, MP3,[i] Speex, VorbisStreaming protocols: HTTP, MMS, RTSP, RTP, UDPVideo coding formats: AAC, AC-3, DV Audio, FLAC, MP3,[i] Speex, VorbisStreaming protocols: HTTP, MMS, RTSP, RTP, UDPVideo coding formats: AAC, AC-3, DV Audio, FLAC, MP3,[i] Speex, VorbisStreaming protocols: HTTP, MMS, RTSP, RTP, UDPVideo coding formats: AAC, AC-3, DV Audio, FLAC, MP3,[i] Speex, AAC, AC-3, DV Audio, A Dirac, DV, H.263, H.264/MPEG-4 AVC, H.265/MPEG-H HEVC, MJPEG, MPEG-1, MPEG-2, MPEG-4 Part 2, Theora, VP5,[h] VP6, VP8,[h] VP9[35]The VLC media player software installers for the macOS platform and the Windows platform include the libdvdcss DVD decryption library, even though this library may be legally restricted in certain account stated in August that the website was blocked in India from 13 February 2022.[100] A report by Hindustan Times indicated that the ban could be due to links with China.[101] India had in 2020 banned over 200 Chinese apps following the 20202022 ChinaIndia skirmishes. Another Hindustan Times report from April quoting Symantec said that Chinese hackers were depending on VLC to launch malware they had previously installed on Windows machines.[102] The technique they used is called DLL side-loading, in which an external library that a legitimate program loads at runtime is substituted with a modified version containing the malware.[103]VideoLan president and lead developer Ministry of Electronics and Information Technology removed the ban in November 2022[105] without the Indian Government providing any reason as to why it was blocked in the first place. [106]The VLC media player software is able to read audio and video data from DVDs that incorporate Content Scramble System (CSS) encryption, even though the VLC media player software lacks a CSS decryption of CSS-encrypted DVD content or unauthorized decryption of CSS-encrypted DVD content has been temporarily authorized for certain purposes (such as distributed with VLC.[109]Free and open-source software portalComparison of video player software ASCII art - VLC can output ASCII animation through the Libcaca module and to be compiled with AMR support. This is because the AMF license is not compatible with the VLC license. This feature needs sound fonts and might not work on every OS. RealAudio 62 / RealAudio 8) decoder at the moment. [when?] As of 2010 [update], only supported in mono and stereo, so no multichannel support. a b c d This is present in 0.9.0 and newer version. Indeo 4 and 5 codecs are not supported. From 0.9.9 and over. a b c d e This is from the 0.8.6 version. 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Being an open source and cross-platform program, it seeks to offer you a tool that will help you view all your video files. Thus, VLC Media Player is one of the most used programs today.VLC Media Player is a superb media player that does almost everything a media player could do. Not only is it fast and compact, but it brilliantly displays video files without the mouse wheel to control volume. The most used features in a media player by normal mouse buttons or with the mouse wheel to control volume. The most used features in a media player by normal mouse buttons or with the mouse wheel to control volume. The most used features in a media player by normal mouse buttons or with the mouse wheel to control volume. The most used features in a media player by normal mouse buttons or with the mouse wheel to control volume. The most used features in a media player by normal mouse buttons or with the mouse wheel to control volume. The most used features in a media player by normal mouse buttons or with the mouse wheel to control volume. The most used features in a media player by normal mouse buttons or with the mouse wheel to control volume. The most used features in a media player by normal mouse buttons or with the mouse wheel to control volume. The most used features in a media player by normal mouse buttons or with the mouse wheel to control volume. The mouse wheel to control volume and the mouse wheel to control volume and the mouse wheel to control volume. The mouse wheel to control volume and the mouse wheel to co Media Player features are vast, thanks to its reliance on active open source projects making video and other multimedia playback possible and to the community of users and programmers that work on it. Some worth mentioning are its ability to use GPU and hardware decoding, audio and video filters, online media streaming and robust support for both old and new technologies and standards. While playing videos, you have the option of speed controls and live recording of video streams. It also comes packed with skinning support. Skins can be downloaded from a variety of sites on the web. Support for the widest array of formats without the need for a codec packWith VLC Media Player, as we have said, you will be able to watch all kinds of video files. It supports MPEG, DivX, AVI, WMV, MP3 and many more container formats and codecs. You will be able to watch Blurays, DVD, VCD and even various playback protocols via streaming. VLC Media Player can even read incomplete video and audio files. It also supports several types of subtitle formats and you can activate or deactivate them in the options. It also supports playing back of compressed ZIP files! A playlist function allows several films to be played one after the other. This is especially useful if you downloaded, you can artificially increase the volume of the film or other media file such as audio formats up to 200 percent if it's too quiet. In addition, the utility can search for album covers for your media collection. New features are released constantly and with newer versions of VLC Media Player, the program will, by default, attempt to download the newest version with your permission. The media player is fully customizable and provides a number of themes from the web, along with numerous different settings which can be applied to audio or video playback. In conclusion VLC Media Player is certainly among the very best of media players, be it open-source, commercial or shareware. With this program, you have a tool that can play almost anything, regardless of the format. This will prevent you from having to download different programs to view each of the video or audio files on your PC.A must-have. Features of VLC Media PlayerIntegrates with Facebook, Twitter and YouTube. Completely Free, 0 spyware, 0 ads and no user tracking. Equalizer: Built-in equalizer that allows you to adjust the audio output of your media files. Media Conversion and Streaming. Multiple audio and subtitle tracks when playing a media files. Playback speed control: Adjust the playback speed of your media files. Playlist support: Create and manage playlists of your media files. media files.Plays a wide range of media formats: Play a wide range of media formats; Plays most codecs with no codec packs needed: MPEG-2, DivX, H.264, MKV, WebM, WMV, MP3 and MANY more.Runs on all platforms: Windows, Linux, Mac OS X, Unix.Simple, fast and powerful media player. Skins: Customize the appearance of video filters that can be used to adjust the appearance of video filters that automatically adjusts the volume normalization: Feature that automatically adjusts the appearance of video filters that can be used to adjust the appearance of video filters. Media Player is available for free and released under the open source GPLv2 license on Windows from media players. The license provides the options to freely download, install, run and share this program without any restrictions. The source code for VLC Media Player should be freely available and modifications are certainly permitted as well as the option to inspect the software. VideoLAN Organization accepts donations for the continued development of this free software. It can run on a PC with 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 VLC Media Player version from 2025 is also available for Android, Mac and iPhone. These are often available from the app store. Filed under: The VideoLAN organization develops the free open-source multimedia player VLC Media Player. The platform maintains recognition for its capability to manage any video or audio file without needing extra codecs for decoding. Users experience no compatibility problems with VLC, yet they find support for regular MP4 MP3 along with streaming video content from the internet. The simple design of VLC median from the internet. The simple design of VLC median from the internet from the internet from the internet from the internet. The simple design of VLC median from the internet from the intern player makes it one of its most attractive features. This application suits all types of system resources, hence it works equally well on dated systems as well as pure performance machines. Basic navigation meets complex functionality because the program provides ways to manage subtitles simultaneously and apply audio-video modification and minimal editing options. The main feature of VLC includes the capability to broadcast media material through both local networks along with the internet. The program implements live-streaming protocols that enable users to watch streaming content through protocols while eliminating the need for a web browser. Users of VLC Media Player have the Player because it stands as one of the most trustworthy media players in the market. Users can play every audio and video format from the legacy AVI file to the upcoming MKV movie through superior FLAC audio track becomes playable using VLC without causing any playback issues. Free access to VLC stands out as its greatest feature because the media player maintains an open-source status. All users can access a complete set of features without fees as VLC operates totally free from all advertising or premium service demands. The application stands out as an ideal choice for media playback since users won't endure pop-ups or subscribe to models. The combination of excellent performance makes VLC a desirable media playback quality. Media players experiencing performance degradation when playing large video files do not affect VLC since it provides users with a constant media viewing experience for 4K as well as high-bitrate content. Customization is another strong point. Users can personalize VLC through interface skin implementation while adding own keyboard shortcuts and using ins to enhance its features. The player lets users optimize its interface according to their desired look between basic and complex control options. The capability to stream online content is one of the motivating factors that makes people choose VLC. You can find everything streaming through VLC, including live broadcasts and internet radio and YouTube media without accessing your browser. Network streaming lets users insert URL addresses directly via the player interface, so they can avoid dependent external software. Security together with privacy features represent key advantages that make VLC attractive to users. VLC operates as a privacy-focused media player since it refrains from gathering user data or advertising content to users while other media players might do so. This media players might do so. Thi lightweight operation and high power together with reliability. VLC players remove all compatibility problems and maintains perfect sound quality in addition to its advanced customization options which make it a simple application to operate. The VLC Media Player serves as an excellent platform because it meets the needs of regular users who enjoy watching movies along with advanced users who seek full customization. Completely free stands as the status of VLC Media Player. The application does not demand any kind of subscriptions or in-app purchases or paid upgrades. You can enjoy every feature of VLC Media Player without charge because it provides support for various file formats together with enhanced playback controls as well as network streaming capabilities. As a software of open-source nature, VLC enables users to get its code and make unrestricted modifications to their installation and setup. Users obtain all VLC features at zero cost because this media player does not restrict essential functionality through its free version like other programs. VLC Media Player remains one of the most adaptable media software choices and iOS systems to watch their media files on portable smartphones and tablets. It even offers a solution for your smart TV, Android TV and Apple TV. Users of BSD and other Unix-based operating systems can access VLC Media Player as an available option. All devices support identical features through its platform-inclusive capabilities. Users who possess older computers or mobile devices can choose VLC because the software optimizes itself to function properly on systems with different media players than VLC Media Player since they seek alternative features such as interfaces and performance optimizations. Users can find multiple outstanding media programs which will satisfy their needs based on personal preferences. PotPlayer functions as a strong media innovation company Kakao developed PotPlayer which comes equipped with the VLC library built-in and handles numerous media innovation company Kakao developed PotPlayer which comes equipped with the VLC library built-in and handles numerous media formats. Users gain exceptional control over the interface of the application to modify video options as well as apply various effects to improve their playback experience. The application to modify video options as well as apply various effects to improve their playback experience. program may cause interface complexity which makes it harder for new users to navigate compared to the sleek VLC interface. MPC-HC functions as a simple, efficient media player since its developers intended to replace VLC which emphasizes broad features. The software delivers outstanding performance by requiring a small amount of system resources, thus offering great suitability for computers that are older. In addition to its lightweight structure, MPC-HC provides extraordinary support for many file formats and demonstrates excellent performance with high-resolution videos. Users seeking basic media player functionality without added elements will appreciate this application because it lacks the customization features of VLC and PotPlayer. The KMPlayer provides users with a beautiful interface together with built-in codec support through its robust offering yet specifically targets people seeking this combination. KMPlayer gives users customization capabilities beyond format handling through its features that include 3D playback, VR functionality and specialized subtitle management. Users seeking a contemporary media player together with extra playback capabilities should find this solution suitable. The application contains advertisements but lacks the complete ad-free operation that VLC Media Player provides. VLC is a free and open source cross-platform multimedia player and framework that plays most multimedia files, and various streaming protocols. Version 3.0.21Windows38MB Plays everything - Files, Discs, Webcams, Devices and Streams. Plays most codecs with no codec packs needed MPEG-2, MPEG-4, H.264, MKV, WebM, WMV, MP3... Runs on all platforms - Windows, Linux, Mac OS X, Unix, iOS, Android ... Completely Free - no spyware, no ads and no user tracking. learn more Add skins. Create skins with VLC skin editor. Install extensions. VLC Media Player is a free, open-source, and cross-platform multimedia player that plays almost every media format: files, discs, webcams, devices, and streams with no need for additional codecs. It supports a wide range of modern formats and inputs, constantly evolving to handle next-generation audio and video codecs. With features like customizable playback, audio and video filters, subtitle support, and streaming capabilities, VLC is a powerful tool for everyday media playback. Originally developed in 1996 as the VideoLAN Client by students at cole Centrale Paris, VLC has become one of the most trusted and widely used media players worldwide, known for its speed, flexibility, and reliability, and reliability. Looking for subtitles? Use the built-in VLSub extension to search and download them instantly. Can VLC convert video and audio files? Yes, VLC has a built-in media converter. You can convert between formats like MP4, MP3, AVI, and more by using the "Convert/Save" option under the Media menu. It's a quick and free way to change file formats without needing extra software. How do I adjust playback speed in VLC? To change the playback speed of a video in VLC, go to Playback > Speed and select either Faster or Slower. This is helpful for watching tutorials at a slower pace or speeding through content. You can also use keyboard shortcuts: press] to speed up and [to slow down. How can I fix audio-video sync issues in VLC? If you experience audio and video being out of sync, VLC provides hotkeys to adjust synchronization. Press J to move the audio forward and K to move it backward. You can also fine-tune this by going to Tools > Track Synchronization and adjusting the Audio track synchronization value. How can I use VLC to record my screen? VLC includes a screen capture feature. By selecting "Capture Device" under Media and choosing "Desktop" as the capture mode, you can record your screen activity great for tutorials or presentations. Can VLC play YouTube videos and other streaming online content? Yes, VLC can play YouTube videos and other streaming online content? Yes, VLC can play YouTube videos by copying the videos and other streaming online content? Yes, VLC can play YouTube videos by copying the videos by copying the videos and other streaming online content? Yes, VLC can play YouTube videos by copying the videos and other streaming online content? adjust playback speed or take screenshots while watching. What video formats does VLC support? VLC offers support for the following video formats: MPEG-1/2, DivX (1/2/3/4/5/6), MPEG-4 ASP, XviD, 3ivX D4, H.263, H DV, On2 VP3/VP5/VP6, Indeo Video v3 (IV32), Real Video (1/2/3/4). VLC can also play all kinds of DVDs, including discs with protection. What audio formats: MPEG Layer 1/2, MP3 - MPEG Layer 3, AAC - MPEG-4 part3, Vorbis, AC3 - A/52, E-AC-3, MLP / TrueHD>3, DTS, WMA 1/2, WMA 3, FLAC, ALAC, Speex, Musepack / MPC, ATRAC 3, Wavpack, Mod, TrueAudio, APE, Real Audio, Alaw/law, AMR (3GPP), MIDI, LPCM, ADPCM, QCELP, DV Audio, QDM2/QDMC, MACE. What's New Android version updated to 3.6.2 Decoders: Improve Opus ambisonic support Fix some ASS subtitle rendering issues Fix Opus in MP4 behaviour Fix VAAPI hw decoding with some drivers Input: Add support for HTTP content range handling according to RFC 9110 Fix some HLS Adaptive Streaming not working in audio-only mode Video Output: Super Resolution scaling with AMD GPUs The D3D11 HDR option can also turn on/off HDR for all sources regardless of the display Improve subtitles rendering on Apple platforms of notably Asian languages by correcting font fallback lookups Video Filter: New AMD VQ Enhancer filter Add D3D11 option to use NVIDIA TrueHDR to generate HDR from SDR sources Audio Output: Fix regression on macOS causing crashes when using audio devices with more than 9 channels Services Discovery: Fix exposed UPnP directory URL schemes to be compliant with RFC 3986 Contrib: Update FFmpeg to 4.4.4 Update libvpx to 1.14.1 libVLC: The HWND passed to libvlc media player set hwnd must have the WS CLIPCHILDREN style set. Fix crashes when using caopengllayer Misc: Fix various warnings, leaks and potential crashes Fix security integer overflow in MMS module Security: A denial of service through a potential integer overflow could be triggered with a maliciously crafted mms stream (heap based overflow) Impact If successful, a maliciously crafted mms stream (heap based overflow) Impact If successful, a maliciously crafted mms stream (heap based overflow). target user. While these issues in themselves are most likely to just crash the player, we can't exclude that they could be combined to leak user informations or remotely execute code. ASLR and DEP help reduce the likelyness of code execution, but may be bypassed. We have not seen exploits performing code execution through this vulnerability. Threat mitigation Exploitation of those issues requires the user to explicitly open a maliciously crafted mms streams from untrusted third parties (or disable the VLC browser plugins), until the patch is applied. Solution VLC media player 3.0.21 addresses the issue. Previous Release Notes: Decoders: NvidiaImprove Opus ambisonic support NvidiaFix Some ASS subtitle rendering issues NvidiaFix Some ASS subtitle rendering NvidiaFix Some ASS subtitle rendering NvidiaFix Some ASS subtitl Output: NvidiaSuper Resolution scaling with AMD GPUs NvidiaThe D3D11 HDR option can also turn on/off HDR for all sources regardless of the display NvidiaImprove subtitles rendering on Apple platforms of notably Asian languages by correcting font fallback lookups Video Filter: NvidiaNew AMD VQ Enhancer filter NvidiaAdd D3D11 option to use NVIDIA TrueHDR to generate HDR from SDR sources Audio Output: NvidiaFix regression on macOS causing crashes when using audio devices with more than 9 channels Services Discovery; NvidiaFix exposed UPnP directory URL schemes to be compliant with RFC 3986 Contrib: NvidiaUpdate FFmpeg to 4.4.4 NvidiaUpdate dav1d to 1.4.2 NvidiaUpdate libvpx to 1.14.1 libVLC: NvidiaFix crashes when using caopengllayer Misc: NvidiaFix various warnings, leaks and potential crashes NvidiaFix security integer overflow in MMS module VLC is a free and open source cross-platform multimedia player and framework that plays most multimedia files, and various streaming protocols. Version 3.0.21Windows 38MB VLC runs on all versions of Windows 41. VLC for Windows 41. VLC for Windows 41. VLC for Windows 41. VLC for Windows 42. by browsing our archives

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