

Video Editors

Video Editing

July 2024

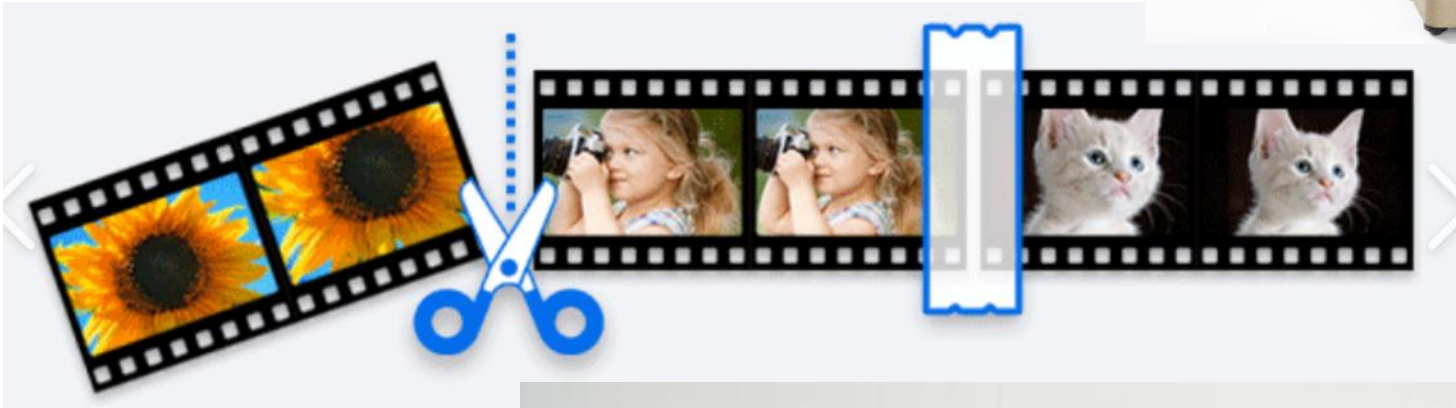
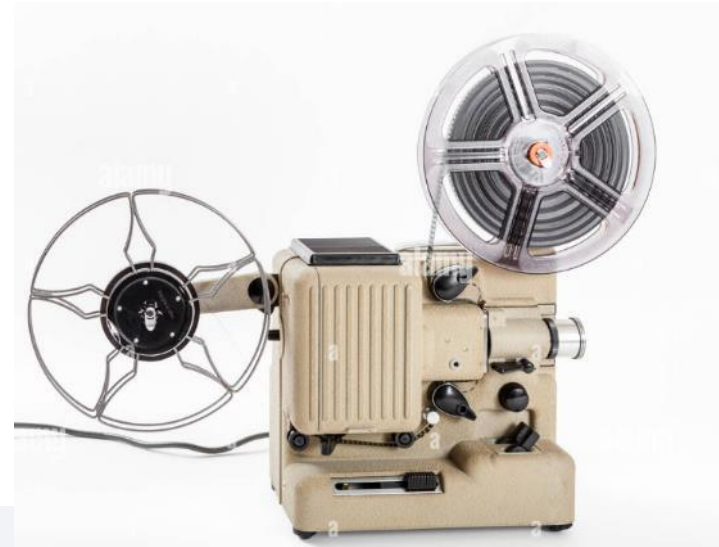
- Video Editor (overview)
- Shotcut Overview
- Demo of Shotcut
- Shotcut in detail

September 2024

- Recap Shotcut
- Any Questions
- Practical Exercise

Video Editors

Home and Cinema Recording



Top 10 to Buy & Free Top 12

 10 best video editing software				
	Vendor name	Overall ratings	Overall reviews	Starting price
	Adobe Creative Cloud Express	4.54	849	\$9.99/mo
	Adobe Premiere Pro	4.67	126	\$20.99/mo
	AVS Video Editor	4.53	427	\$49/year
	Blender	4.65	708	Free
	Camtasia	4.62	169	\$299.99/year
	Descript	4.77	136	\$12/mo
	Filmora	4.54	404	\$19.99/mo
	Kapwing	4.49	168	\$16/mo
	Movavi Video Editor Plus	4.75	184	\$54.95/year
	Vimeo Pro	4.63	764	\$7/mo

The 12 best free video editors in 2023:

1. [Kapwing](#)
2. [DaVinci Resolve](#)
3. [Apple iMovie](#)
4. [HitFilm Express](#)
5. [Lightworks](#)
6. [Shotcut](#)
7. [OpenShot Video Editor](#)
8. [ClipChamp Windows Video Editor](#)
9. [Vimeo](#)
10. [VSDC Free Video Editor](#)
11. [Final Cut Pro \(Free Trial\)](#)
12. [Adobe Premiere Pro \(Free Trial\)](#)

Shotcut Overview

System Requirements: Windows 7 to 11, macOS 10.14 to 12, 64-bit Linux

Great for: Projects with multiple scenes/transitions

Skill Level: Intermediate

As an open-source platform, Shotcut provides access all the editing features on the platform for free, making it one of the best video editors online. You'll be able to do seamless fade ins and outs, wipe transitions, clip reversals, and more.

You'll also find dozens of video filters, such as blur, fish eye, saturation, gradient, and video editing tools like chroma key, crop, gradient, and many more. All those features gives it a slightly steeper learning curve. From an editing perspective, Shotcut allows you to easily cut and paste clips, separate audio from video, name custom clips, and more.

Features Include:

- Affordability
- Well-laid out interface
- Support for wide formats
- User-friendly and customizable user interface
- Ability to perform simple to advanced editing tasks
- Support for multiple file formats
- Ability to add effects and transitions
- Ability to adjust playback speed and create slow motion or fast motion
- Modular user interface makes managing your workflow easy
- Powerful filters allow advanced customization of both audio and video in just a few clicks
- Wide range of export and import formats supported

5 Steps to Planning a Video

1. Plan your content (Story Board)

Before you can create great and effective short videos, it's important to establish a clear content plan. This way, you can identify your goals, develop a strategy, and prepare for video-making success.

Prior to filming content for a short video, consider what you want to say, and think about the clearest, most effective way to communicate your ideas. As much as possible, work to streamline your content plan to trim video length.

2. Choose your software (Shotcut)

When selecting a software system, it's best to look for a user-friendly interface with high-quality tools, as this will improve the professionalism of your short video. Try to look for a system with advanced production features and functions.

3. Record your video (Tablet, iPhone etc.).

Finally, you're ready to start recording your video content! Even when your video will be short, it's a good idea to set aside plenty of time and record more footage than you need. This way, you'll have lots of content to work with. As you record, aim to speak clearly and eliminate distractions from your video.

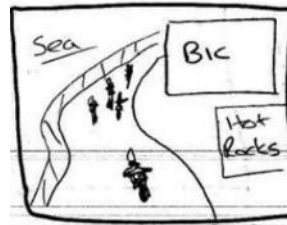
4. Edit and refine (Shotcut).

Once you've finished recording content, you're ready to start editing. This is your chance to refine your video and cut out extraneous details so that the final clip is clear and succinct.

5. Prepare to share (YouTube etc.).

Last but not least, it's time to share your video with the masses! It's a good idea to share it across a range of online

Viral Video Storyboard (modified due to location changes)



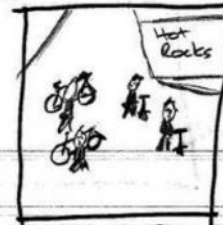
Shot 1

Note: Zoom out as cycles come down the hill.



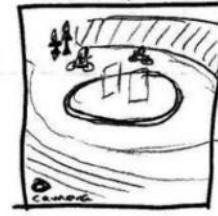
Shot 5

Note: Close ups & mid shots of cyclist try and zoom in on faces - linger & then move on. (Vary shots)



Shot 2

Note: As the cyclist walks their bike around us filming.



Shot 6

Note: Cycle around roundabout x2 then follow flag carrier as he dismounts and runs towards steps (wide shot)



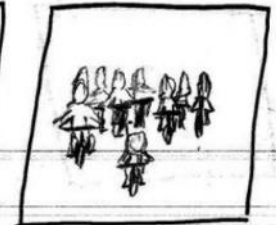
Shot 3

Note: Close up of the Flag carrier following the car.



Shot 7

Note: Flag carrier runs up the steps. (mid shot)



Shot 4

Note: Mid shot of groups of cycles in silhouette. (vary shots)

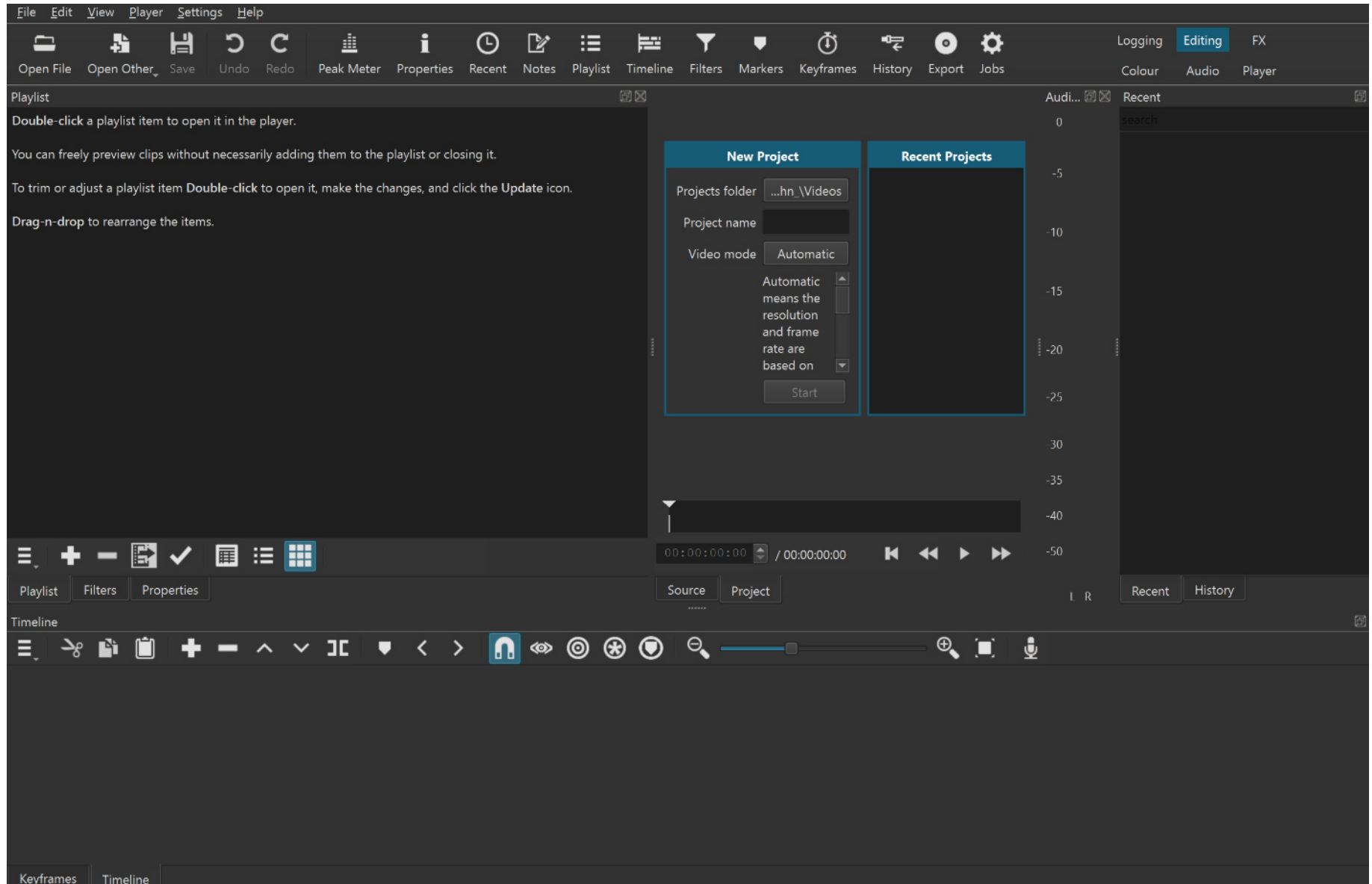


Shot 8

Note: Flag carrier waves the flag at the top of the steps - race over. (Close up)



Default Login Screen



Shotcut Layout

1

New Projects

Recent Projects

Recent Files
and Projects

Start Button

The screenshot shows the Audacity software interface with several callouts highlighting key features:

- 1**: Points to the top-left corner of the window.
- New Projects**: Points to the 'New Project' dialog box, which includes fields for 'Projects folder' (C:\Users\john_\Videos), 'Project name', and 'Video mode' (Automatic). A 'Start' button is at the bottom.
- Recent Projects**: Points to the 'Recent Projects' list, showing files like 'shortcut exercise.mlt', 'Emma Jane.mlt', and 'My Garden.mlt'.
- Recent Files and Projects**: Points to the 'Recent Files and Projects' list, showing a mix of audio and video files, including 'Toddbrook Reservoir Whaley Bridge - 31...', 'The Toddbrook Reservoir Dam Disaster! - ...', and various 'WIN_20240227' and 'WIN_20210905' files.
- Start Button**: Points to the 'Start' button in the 'New Project' dialog.

The interface also includes a menu bar (File, Edit, View, Layer, Settings, Help), a toolbar with icons for Open File, Open Other, Save, Undo, Redo, Peak Meter, Properties, Recent, Playlist, Timeline, Filters, Markers, Keyframes, History, Export, Jobs, Color, Audio, and Player. The main area is divided into a Playlist (left) and a Timeline (bottom). The Timeline shows a time scale from 00:00:00:00 to 00:00:00:00, with a play button and other controls. The bottom status bar shows the system tray with icons for Windows, search, task view, and various applications, along with the date and time (16:15 01/03/2024).

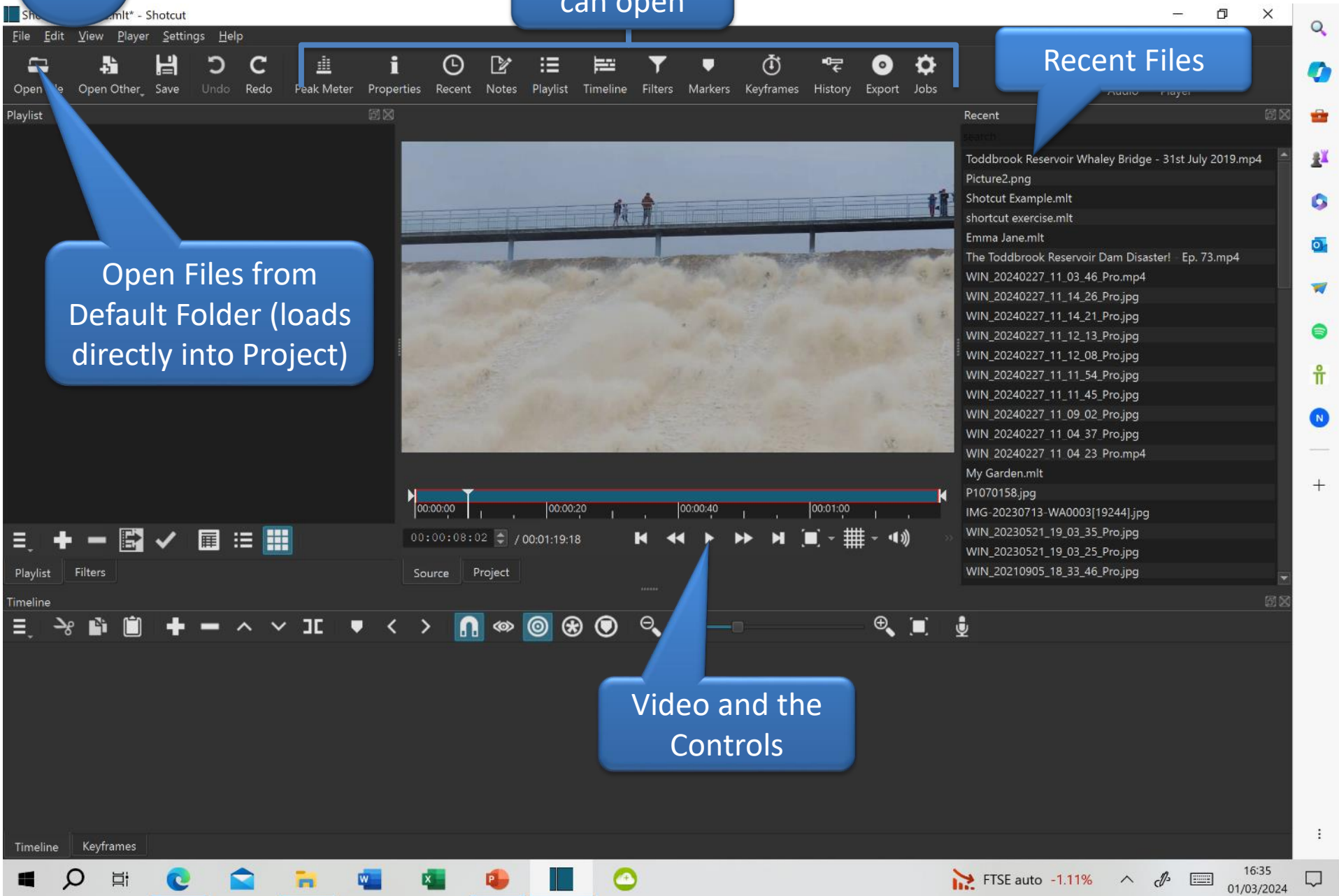
2

Frames you
can open

Recent Files

Open Files from
Default Folder (loads
directly into Project)

Video and the
Controls



The image shows the Shotcut video editor interface with several instructional callouts in blue speech bubbles:

- Callout 1 (Top Left):** A blue circle with the number "3".
- Callout 2 (Top Center):** "Drag and Drop (or +) to Playlist (to Source) Then Drag and Drop or Double Click (to Project)". A red circle highlights the "Playlist" button in the top-left toolbar.
- Callout 3 (Top Right):** "Optimised Views (i.e. Different Frames)". A red circle highlights the "Optimised Views" button in the top-right toolbar.
- Callout 4 (Middle Left):** "Open the following files types to edit:
Video Files
Audio Files
Pictures". A red circle highlights the "Open" button in the top-left toolbar.
- Callout 5 (Bottom Center):** "Drag and Drop (or +) to Timeline (Project)". A red circle highlights the "Timeline" button in the bottom-left toolbar.
- Callout 6 (Bottom Right):** "Drag and Drop (or +) to Timeline (Project)". A red circle highlights the "Timeline" button in the bottom-left toolbar.

The interface includes a menu bar (File, Edit, View, Project, Settings, Help), a toolbar with buttons for Open, Open Other, Save, Undo, Redo, and various editing tools. The main area is divided into a Source view (showing a video of a bridge) and a Project view (showing a list of files). The bottom section contains a Timeline and a Keyframes track.

The image shows the Shotcut video editor interface with several instructional callouts in blue speech bubbles:

- Callout 1 (Top Left):** "3" (indicating step 3 of a process).
- Callout 2 (Top Center):** "Drag and Drop (or +) to Playlist (to Source) Then Drag and Drop or Double Click (to Project)". This callout points to the "Playlist" tab on the left side of the interface.
- Callout 3 (Top Right):** "Optimised Views (i.e. Different Frames)". This callout points to the "FX" tab on the right side of the interface.
- Callout 4 (Middle Left):** "Open the following files types to edit:
Video Files
Audio Files
Pictures". This callout points to the "Open File" button in the top left corner.
- Callout 5 (Bottom Left):** "Timeline". This callout points to the "Timeline" tab at the bottom left of the interface.
- Callout 6 (Bottom Center):** "Drag and Drop (or +) to Timeline (Project)". This callout points to the "Project" button in the bottom center of the interface.

The interface includes a menu bar at the top (File, Edit, View, Project, Settings, Help), a toolbar with various editing tools, a central video preview window, a timeline at the bottom, and a sidebar on the right with a "Recent" list of files. The "Playlist" tab is currently selected on the left, showing a list of files including "Toddbrook Reservoir Whaley Bridge - 31st July 2019.mp4".

The image shows the Shotcut video editor interface with several instructional callouts in blue speech bubbles:

- Callout 1 (Top Left):** "3" (indicating step 3 of a process).
- Callout 2 (Top Center):** "Drag and Drop (or +) to Playlist (to Source) Then Drag and Drop or Double Click (to Project)". This callout points to the "Playlist" tab on the left side of the interface.
- Callout 3 (Top Right):** "Optimised Views (i.e. Different Frames)". This callout points to the "FX" tab on the right side of the interface.
- Callout 4 (Middle Left):** "Open the following files types to edit:
Video Files
Audio Files
Pictures". This callout points to the "Open File" button in the top left corner.
- Callout 5 (Bottom Left):** "Timeline". This callout points to the "Timeline" tab at the bottom left of the interface.
- Callout 6 (Bottom Center):** "Drag and Drop (or +) to Timeline (Project)". This callout points to the "Project" button in the bottom center of the interface.

The interface includes a menu bar at the top (File, Edit, View, Project, Settings, Help), a toolbar with various editing tools, a central video preview window, a timeline at the bottom, and a sidebar on the right with a "Recent" list of files. The "Playlist" tab is currently selected on the left, showing a list of files including "Toddbrook Reservoir Whaley Bridge - 31st July 2019.mp4".

The image shows the Shotcut video editor interface with several instructional callouts in blue speech bubbles:

- Callout 1 (Top Left):** "3" (indicating step 3 of a process).
- Callout 2 (Top Center):** "Drag and Drop (or +) to Playlist (to Source) Then Drag and Drop or Double Click (to Project)". This callout points to the "Playlist" tab on the left side of the interface.
- Callout 3 (Top Right):** "Optimised Views (i.e. Different Frames)". This callout points to the "FX" tab on the right side of the interface.
- Callout 4 (Middle Left):** "Open the following files types to edit:
Video Files
Audio Files
Pictures". This callout points to the "Open File" button in the top left corner.
- Callout 5 (Bottom Left):** "Timeline". This callout points to the "Timeline" tab at the bottom left of the interface.
- Callout 6 (Bottom Center):** "Drag and Drop (or +) to Timeline (Project)". This callout points to the "Project" button in the bottom center of the interface.

The interface includes a menu bar (File, Edit, View, Project, Settings, Help), a toolbar with various editing tools, a central video preview window, a timeline at the bottom, and a right sidebar with a "Recent" files list. The "Playlist" tab is currently selected on the left, showing a list of files including "Toddbrook Reservoir Whaley Bridge - 31st July 2019.mp4".

The image shows the Shotcut video editor interface with several instructional callouts in blue speech bubbles:

- Callout 1 (Top Left):** "3" (indicating step 3 of a process).
- Callout 2 (Top Center):** "Drag and Drop (or +) to Playlist (to Source) Then Drag and Drop or Double Click (to Project)". This callout points to the "Playlist" tab on the left side of the interface.
- Callout 3 (Top Right):** "Optimised Views (i.e. Different Frames)". This callout points to the "FX" tab on the right side of the interface.
- Callout 4 (Middle Left):** "Open the following files types to edit:
Video Files
Audio Files
Pictures". This callout points to the "Open File" button in the top left corner.
- Callout 5 (Bottom Left):** "Timeline". This callout points to the "Timeline" tab at the bottom left of the interface.
- Callout 6 (Bottom Center):** "Drag and Drop (or +) to Timeline (Project)". This callout points to the "Project" button in the bottom center of the interface.

The interface includes a menu bar (File, Edit, View, Project, Settings, Help), a toolbar with various editing tools, a central video preview window, a timeline at the bottom, and a right sidebar with a "Recent" files list. The "Playlist" tab is currently selected on the left, showing a list of files including "Toddbrook Reservoir Whaley Bridge - 31st July 2019.mp4".

Shotcut Terms applied to 8mm Movemaker Equip.

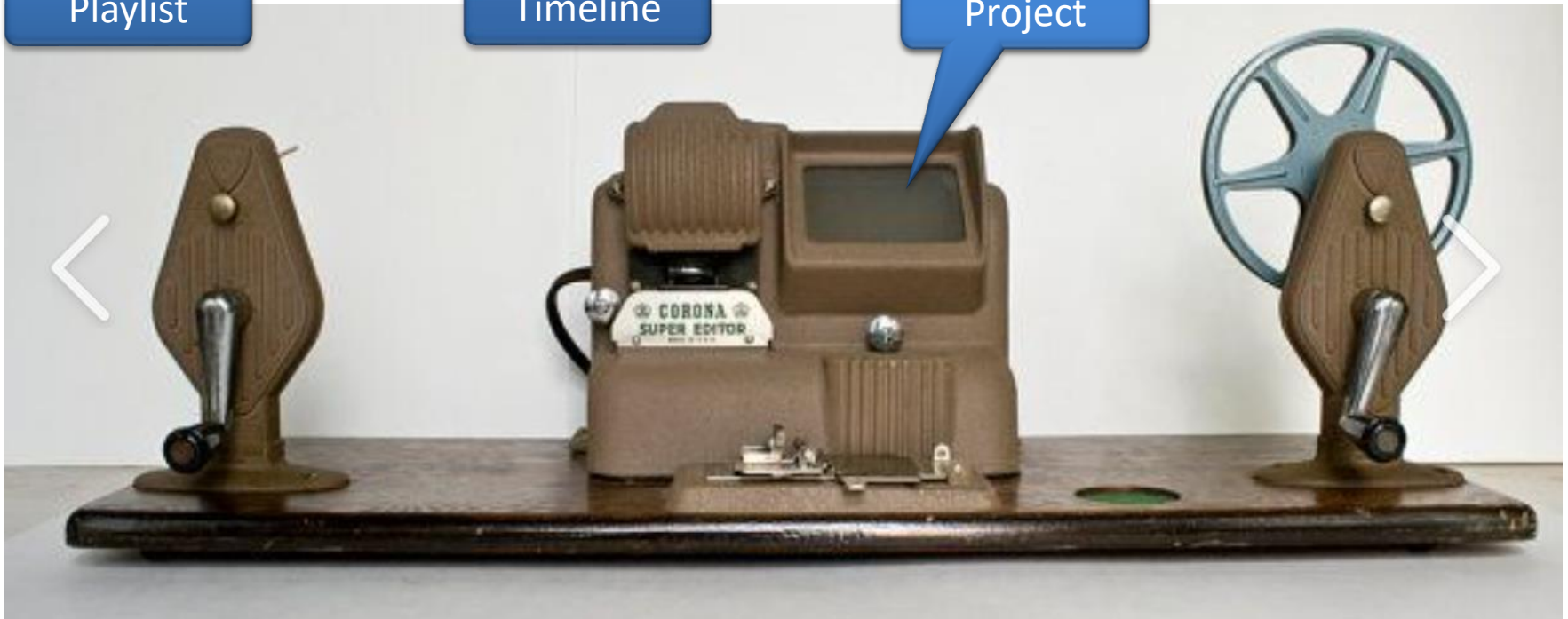


Playlist

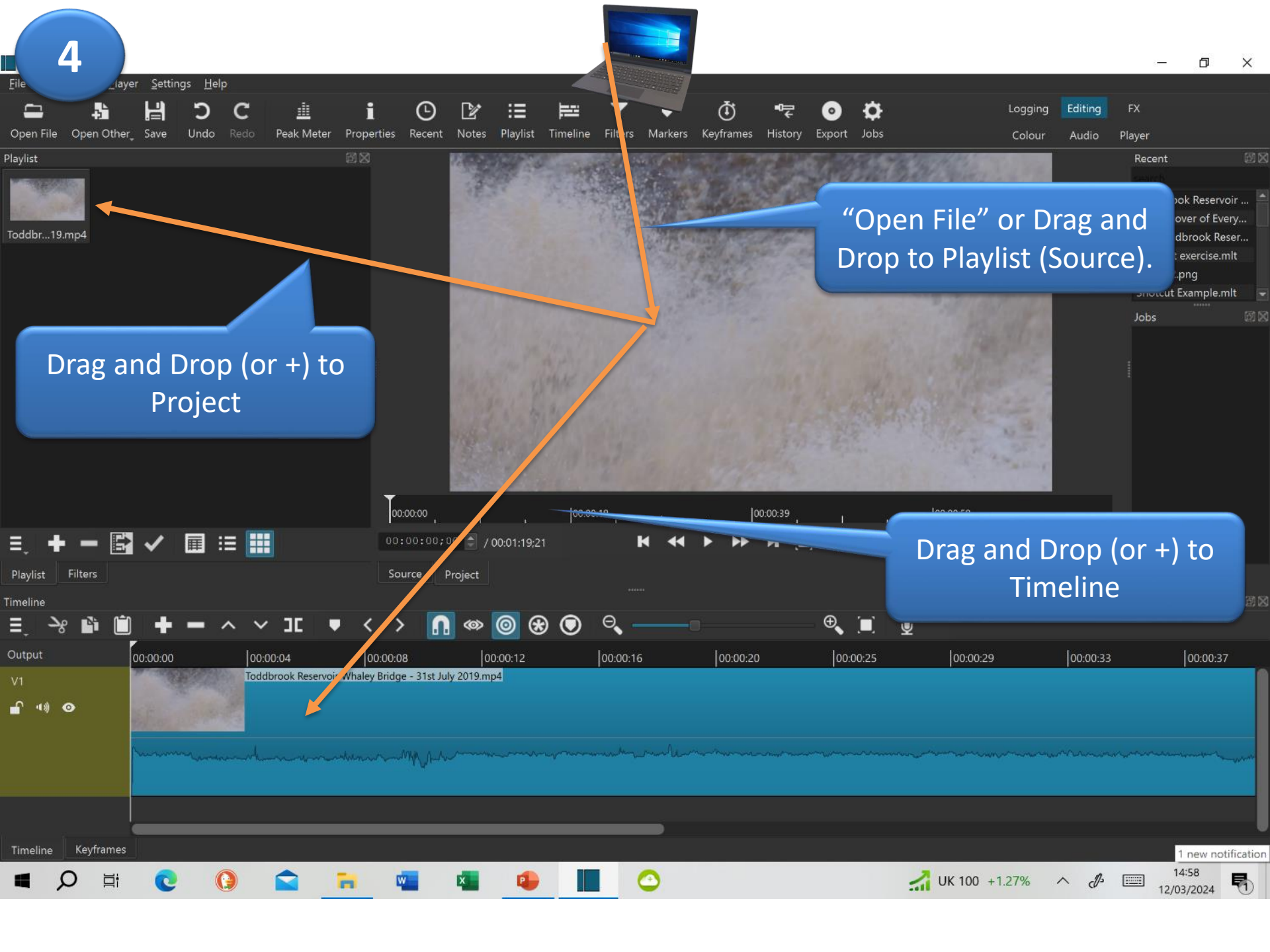


Timeline

Project



4



Drag and Drop (or +) to Project

"Open File" or Drag and Drop to Playlist (Source).

Drag and Drop (or +) to Timeline

You can Edit this files
(the Project file)

The screenshot displays the Shotcut video editor interface. At the top is a menu bar with File, Edit, View, Player, Settings, and Help. Below it is a toolbar with icons for Open File, Open Other, Save, Undo, Redo, Peak Meter, Properties, Recent, Notes, Playlist, Timeline, Filters, Markers, Keyframes, History, Export, and Jobs. The main workspace is divided into several panels. On the left is the 'Playlist' panel showing a list of files: 'The To...73.mp4', 'Picture1.png', 'Picture2.png', and 'Toddbr...19.mp4'. A blue callout points to this panel with the text 'Selection of files to build the Video from (Video, Picture and Sound files)'. In the center is the 'Preview' window showing a video of a dam. Below it is a timeline with a playhead at 00:00:00 and a duration of 00:00:33:19. On the right is the 'Recent' panel showing a list of recent files. A blue callout points to the top of this panel with the text 'You can Edit this files (the Project file)'. At the bottom is the 'Output' panel showing two tracks: 'V2' and 'V1'. The 'V2' track contains a video clip titled 'The Toddbrook Reservoir Dam Disaster! - Ep. 73.mp4' and an audio waveform. The 'V1' track contains two video clips: 'Toddbrook Reservoir Whaley Bridge - 31st July 2019.mp4' and 'John's cover of Everyday - Buddy Holly.mp4'. A blue callout points to the 'V2' track with the text 'Build video using one or Many Timelines'. The bottom of the interface has tabs for 'Timeline' and 'Keyframes'.

File Edit View Player Settings Help

Open File Open Other Save Undo Redo Peak Meter Properties Recent Notes Playlist Timeline Filters Markers Keyframes History Export Jobs

Playlist

The To...73.mp4 Picture1.png Picture2.png Toddbr...19.mp4

Selection of files to build the Video from (Video, Picture and Sound files)

Preview

00:00:00 00:00:05 00:00:10 00:00:15 00:00:20 00:00:25 00:00:30

00:00:00:00 / 00:00:33:19

Source Project

Recent

search

Picture1.png
Picture2.png
shortcut exercise.mlt
Shotcut Example.mlt
WIN_20240330_14_5...
WIN_20240330_14_5...
WIN_20240330_14_5...
WIN_20240330_14_5...
Emma Jane.mlt
105 in

Jobs

Build video using one or Many Timelines

Timeline

Output

V2

00:00:00 00:00:05 00:00:10 00:00:15 00:00:20 00:00:25 00:00:30

The Toddbrook Reservoir Dam Disaster! - Ep. 73.mp4

V1

Toddbrook Reservoir Whaley Bridge - 31st July 2019.mp4

John's cover of Everyday - Buddy Holly.mp4

Timeline Keyframes

FileEditViewPlayerSettingsHelp

Open File

Open Other_

Save

Undo

Redo

Peak Meter

Properties

Recent

Notes

Playlist

Timeline

Filters

Markers

Keyframes

History

Export

Jobs

Logging

Editing

FX

Colour

Audio

Player

Playlist

WIN_20...ro.mp4

WIN_20...ro.jpg

perfect...271.mp3

00:00:00

00:00:05

00:00:10

00:00:15

00:00:20

00:00:00:00

/ 00:00:23:24

⏮

⏪

⏩

⏭

⏸

⏹

⏶

⏷

⏵

⏴

⏳

🔊

/

Source

Project

Timeline

V1

00:00:00

00:00:05

00:00:10

00:00:15

00:00:20

WIN_20240220_14_48_26.Pro.mp4

WIN_20240220_14_48_26.Pro.mp4

A1

perfect-beauty-191271.mp3

perfect-beauty-191271.mp3

Timeline

Keyframes

Recent

search

perfect-beauty-191271...

WIN_20240220_14_5...

WIN_20240220_14_4...

20220329_171142_20...

Picture2.png

John's cover of Every...

Picture1.png

test 2.mlt

test.mlt

20220329_171142_20...

shortcut exercise.mlt

Jobs

Pause

File Edit View Player Settings Help

Open File Open Other Save Undo Redo Peak Meter Properties Recent Notes Playlist Timeline Filters Markers Keyframes History Export Jobs

Logging Editing FX

Colour Audio Player

Playlist

WIN_20...ro.mp4 WIN_20...ro.jpg perfect...271.mp3

00:00:00 / 00:00:23:24

Source Project

Timeline

Output

A1 perfect-beauty-191271.mp3

A2 voiceover6.opus

voiceover6.opus

Timeline Keyframes

Voiceover on 3rd track with Mic switched ON

Control Keys



Control Keys (example – Timeline Frame)

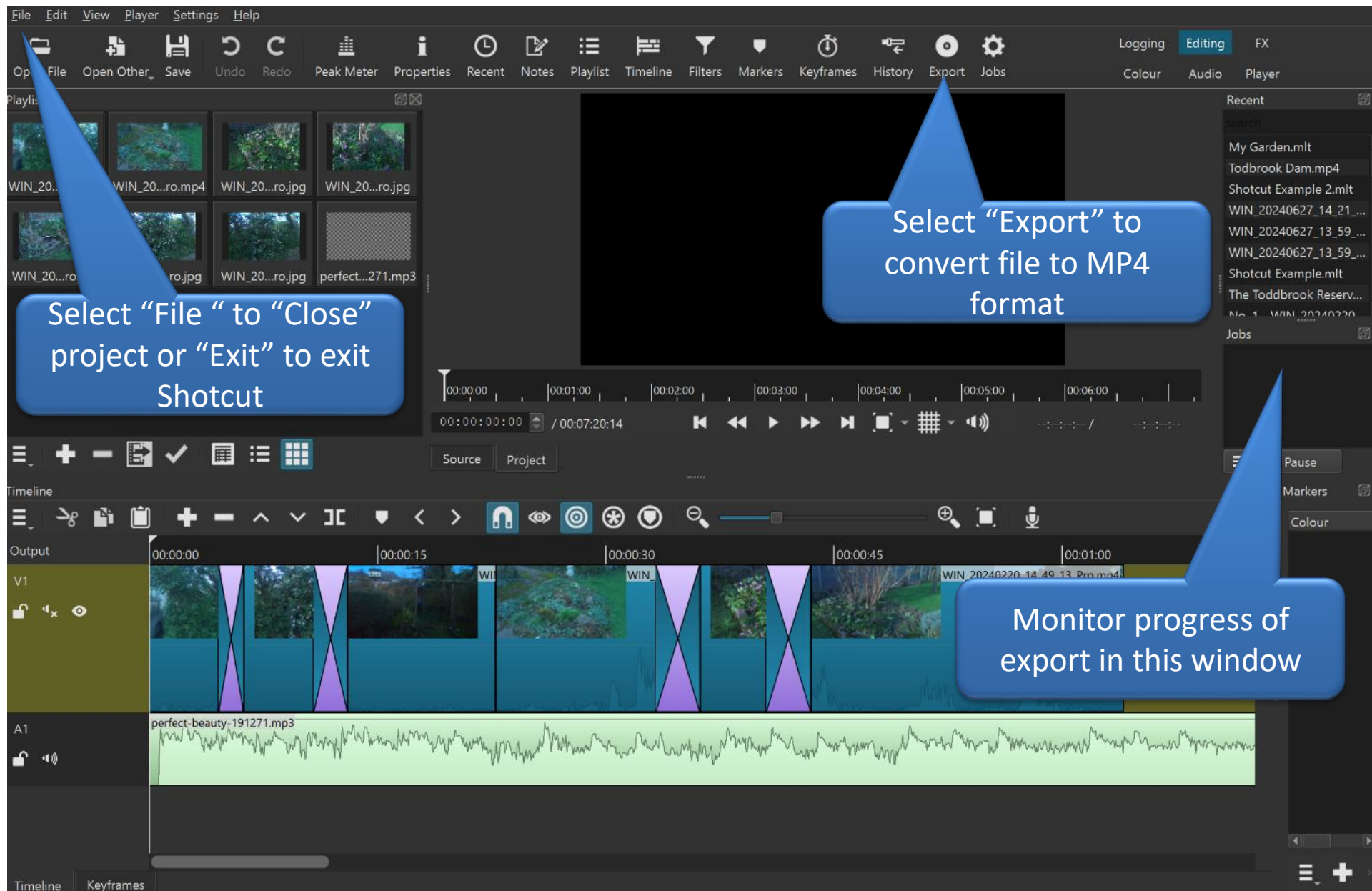
Action	Windows/Linux	macOS
Cut	Ctrl+X	command+X
Copy	Ctrl+C or C	command+C or C
Paste	Ctrl+V	command+V
Add Audio Track	Ctrl+U	command+U
Add Video Track	Ctrl+I	command+I
Close	Ctrl+W	command+W
Append	A	A
Ripple Delete	X or Shift+Del or Shift+Backspace	X or shift+delete
Lift	Z or Del or Backspace	Z or delete
Insert	V	V
Overwrite	B	B
Replace	R	R
Split	S	S
Split All Tracks	Shift+S	shift+S
Trim clip in	I	I
Ripple trim clip in	Shift+I	shift+I
Trim clip out	O	O
Ripple trim clip out	Shift+O	shift+O
Add/Edit marker at cursor	M	M
Add/Edit marker around selected clips	Alt+M	option+M
Cycle Marker Color	Ctrl+Alt+M	option+command+M
Delete Marker	Ctrl+Shift+M	shift+control+M
Seek to previous marker	<	<
Seek to next marker	>	>
Set Current Track Below	Ctrl+Alt+Down	option+command+down
Set Current Track Above	Ctrl+Alt+Up	option+command+up
Zoom In	=	=
Zoom Out	-	-
Zoom Fit	0	0

Make Tracks Shorter	Ctrl+-	command+-
Make Tracks Taller	Ctrl+=	command+=
Reload	F5	F5
Select clip	single left-click mouse	single-click mouse
Select and seek clip	double left-click mouse	double-click mouse
Select under playhead	Ctrl+Space	command+space
Select All	Ctrl+A	command+A
Select all on current track	Ctrl+Alt+A	option+command+A
Select None	Ctrl+D	command+D
Move selection left	Ctrl+Left	command+left
Move selection right	Ctrl+Right	command+right
Move selection up	Ctrl+Up	command+up
Move selection down	Ctrl+Down	command+down
Seek start of selected	double-click	double-click
Toggle Mute track	Ctrl+M	control+M
Toggle Hide track	Ctrl+H	control+H
Toggle Lock track	Ctrl+L	control+L
Toggle Snapping	Ctrl+P	command+P
Toggle Ripple mode	Ctrl+R	command+R
Toggle Ripple All Tracks	Ctrl+Alt+R	option+command+R
Toggle Ripple mode and all tracks	Ctrl+Shift+R	shift+command+R
Toggle Ripple markers	Alt+R	option+R
Toggle Ripple markers, mode, and all tracks	Alt+Shift+R	shift+option+R
Insert Track	Ctrl+Alt+I	option+command+I
Remove Track	Ctrl+Alt+U	option+command+U
Copy Timeline to Source	Ctrl+Alt+C	option+command+C
Center the Playhead	Ctrl+Shift+P	shift+command+P
Scroll to Playhead on Zoom	Ctrl+Alt+P	option+command+P
Move Track Up	Alt+Shift+Up	shift+option+up
Move Track Down	Alt+Shift+Down	shift+option+down
Group/Ungroup	Ctrl+G	command+G
Nudge Forward	.	.
Nudge Backward	,	,

Selection of Control Keys

Action	Windows/Linux	macOS
Set In	I	I
Set Out	O	O
Insert	V	V
Overwrite	B	B
Replace	R	R
Split	S	S
Trim Clip In	I	I
Ripple Trim Clip In	Shift+I	Shift+I
Trim Clip Out	O	O
Ripple Trim Clip Out	Shift+O	Shift+O
Step Back one Comand	Control Z	Control Z

Exporting to MP4 File



Select "File" to "Close" project or "Exit" to exit Shotcut

Select "Export" to convert file to MP4 format

Monitor progress of export in this window

My Garden.mlt - Shotcut

File Edit View Player Settings Help

Open File Open Other Save Undo Redo Peak Meter Properties Recent Notes Playlist Timeline Filters Markers Keyframes History Export Jobs

Logging Editing FX

Colour Audio Player

Export

Presets

Export Help

The defaults create a H.264/AAC MP4 file, which is suitable for most users and purposes. Choose a Preset at the left before deciding to use the Advanced mode. The Advanced mode does not

Custom Stock AV1 WebM Default GIF Animation H.264 Baseline...

Export File Reset Advanced

Playlist

WIN 20...ro.mp4 WIN 20...ro.mp4 WIN 20...ro.jpg WIN 20...ro.jpg

Timeline

Output

V1

A1

perfect-beauty-191271.mp3

Timeline Keyframes

Export window

Recent

My Garden.mlt Todbrook Dam.mp4 Shotcut Example 2.mlt WIN_20240627_14_21... WIN_20240627_13_59... WIN_20240627_13_59... Shotcut Example.mlt The Toddbrook Reserv... No. 1 WIN_20240220...

Jobs

Pause

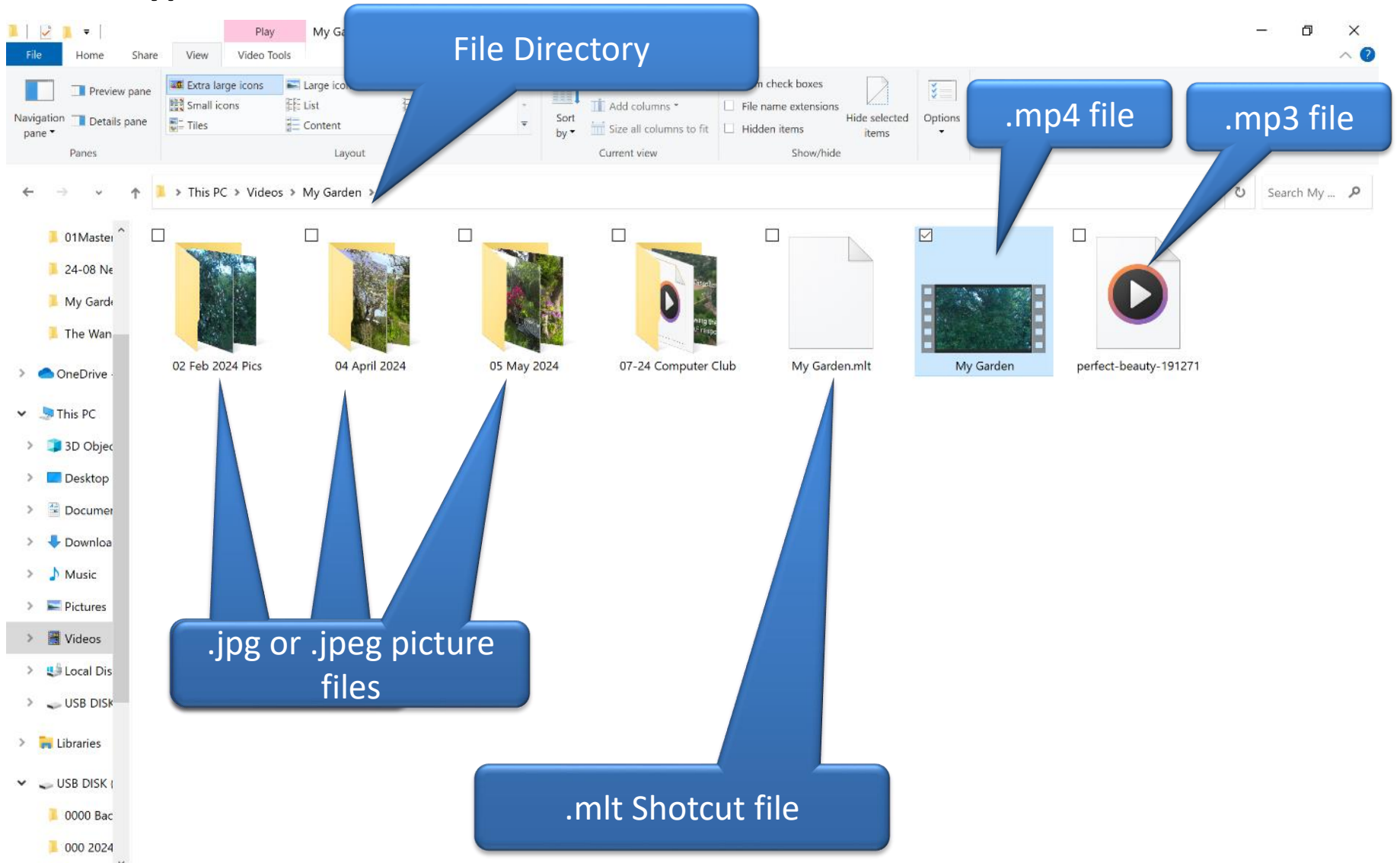
Markers

Colour

FTSE 100 +0.46%

10:20 01/07/2024

File Types



MP3 V MP4 Format

Copilot

Certainly! Let's explore the differences between MP3 and MP4:

1. MP3 (MPEG-1 Audio Layer 3):

1. **Audio-Only Format:** MP3 files store audio data only.
2. **Compression:** They use lossy compression to reduce file size while maintaining acceptable sound quality.
3. **Channels:** Limited to two channels (stereo).
4. **Sample Rate:** Typically 44.1 kHz (similar to CD audio).
5. **Bitrate:** Can vary from 8kbps (poor quality) to 320kbps (CD-like quality).

2. MP4 (MPEG-4 Part 14):

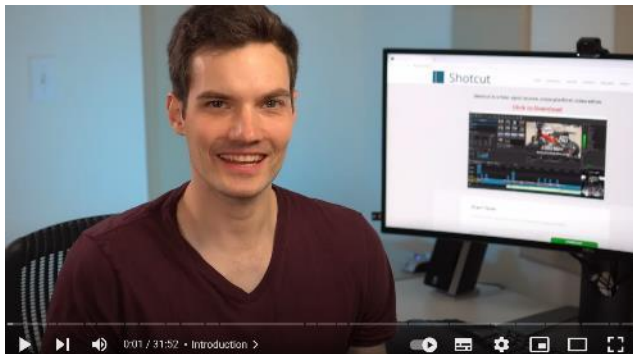
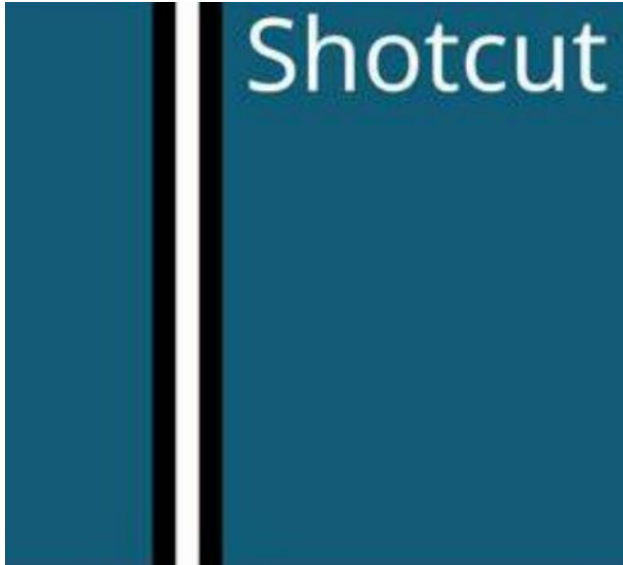
1. **Multimedia Container:** MP4 files can hold both audio and video data.
2. **Compression:** They use various codecs (like AAC for audio) and can handle video as well.
3. **Channels:** Supports up to 8 channels of surround sound.
4. **Additional Features:** MP4s can include subtitles, chapter markers, and other multimedia elements.

In summary, **MP3 is primarily for audio, while MP4 is a versatile format for both audio and video.** Choose based on your needs and devices!

A young man with brown hair, wearing a blue and green jacket over a grey t-shirt, is sitting at a desk. He has his hands pressed against his forehead and eyes, suggesting stress or frustration. In front of him is an open book. The background shows a bookshelf with various books and a window with white curtains. The word "Homework" is written in large, white, outlined letters across the center of the image.

Homework

Homework



1. Load Shotcut onto your computer
2. <https://www.shotcut.org>
3. Watch the Shotcut Tutorial (32 minutes)
4. [Shotcut Tutorial \(youtube\)](#)
5. Identify a topic to make a Video (MP4 format)
6. Take a selection of Pictures and short Videos (5 to 10 seconds long)
7. Bring them along to the September Computer Club on your Laptop or on a memory stick
8. u3a computers will be available with Shotcut (Tony)

The End