

Match and Align Video and Audio

Spoken Tutorial Project

<https://www.spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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Learning Objectives



Learning Objectives

- ▶ **Add a new audio clip to the project**



Learning Objectives

- ▶ **Add a new audio clip to the project**
- ▶ **Match and align video and audio clips recursively**



Learning Objectives

- ▶ Add a new audio clip to the project
- ▶ Match and align video and audio clips recursively
- ▶ Use cut, trim, delete and move functions for alignment



Learning Objectives



Learning Objectives

- ▶ Move clip between channels



Learning Objectives

- ▶ **Move clip between channels**
- ▶ **Hide or mute a clip**



Learning Objectives

- ▶ Move clip between channels
- ▶ Hide or mute a clip
- ▶ Save any frame of the video as an image



Learning Objectives

- ▶ Move clip between channels
- ▶ Hide or mute a clip
- ▶ Save any frame of the video as an image
- ▶ We will also learn about few shortcut keys



Learning Objectives

- ▶ **Move clip between channels**
- ▶ **Hide or mute a clip**
- ▶ **Save any frame of the video as an image**
- ▶ **We will also learn about few shortcut keys**



Learning Objectives

- ▶ **Move clip between channels**
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System Requirements



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► **Ubuntu Linux v18.04 OS**



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- ▶ **Blender v2.90.1**



Pre-requisites

- ▶ **Learner must be familiar with the Blender interface**



Pre-requisites

- ▶ **Learner must be familiar with the Blender interface**
- ▶ **For pre-requisite tutorials please visit this site**
<https://www.spoken-tutorial.org>



Code Files



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- ▶ The files used in this tutorial are provided in the **Code files** link



Code Files

- ▶ The files used in this tutorial are provided in the **Code files** link
- ▶ Please download and extract the files



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- ▶ Please download and extract the files
- ▶ Make a copy and then use them while practising



Shortcut Keys



Shortcut Keys

Render Image	F12
Render animation	Ctrl+F12
Select all	A
Move strip to left	Alt+Left arrow
Move strip to right	Alt+Right arrow



Summary

- ▶ **Added a new audio clip to the video**
- ▶ **Cut, deleted, trimmed and moved clips to align video and audio recursively**
- ▶ **Moved the clips between channels**



Summary

- ▶ **Hid or muted the clips**
- ▶ **Saved a frame in the video to an image file**
- ▶ **Learned about few shortcut keys**



Assignment

Using a video of your choice or with the [align.webm](#) video provided

- ▶ Cut, trim, match and align the video
- ▶ You may change to an audio of your choice
- ▶ Render and save the video file



About the Spoken Tutorial Project

- ▶ Watch the video available at https://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- ▶ It summarises the Spoken Tutorial project



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Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- ▶ Conducts workshops using spoken tutorials
- ▶ Gives certificates to those who pass an online test
- ▶ For more details, please write to **contact@spoken-tutorial.org**



Forum questions

- ▶ Questions in THIS Spoken Tutorial?
- ▶ Visit <https://forums.spoken-tutorial.org>
- ▶ Choose the minute and second where you have the question
- ▶ Explain your question briefly
- ▶ The Spoken Tutorial project will ensure an answer

You will have to register to ask questions



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