

Build Proxy for Video Editing

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

► High definition video



Learning Objectives

- ▶ **High definition video**
- ▶ **About time lag in playing the video**



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- ▶ **High definition video**
- ▶ **About time lag in playing the video**
- ▶ **Why a proxy is needed**



Learning Objectives

- ▶ High definition video
- ▶ About time lag in playing the video
- ▶ Why a proxy is needed
- ▶ Building a Proxy and settings



Learning Objectives

- ▶ High definition video
- ▶ About time lag in playing the video
- ▶ Why a proxy is needed
- ▶ Building a Proxy and settings
- ▶ Changing memory cache size



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**



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- ▶ **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



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- ▶ 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



Download Link



Download Link

- ▶ The input file was downloaded from the wikimedia website



Download Link

- ▶ The input file was downloaded from the wikimedia website
- ▶ https://commons.wikimedia.org/wiki/File:Birds_in_the_backyard_58.webm



Building a Proxy

When working with HD videos,



Building a Proxy

When working with HD videos,

- ▶ **Creating a proxy setting is very important in video editing**
- ▶ **It is to be done before starting to edit the videos**



Create Matched Settings

Proxies with matching resolution must be set in,



Create Matched Settings

Proxies with matching resolution must be set in,

- ▶ **Proxy setting in the Proxy and Cache**
- ▶ **In the Preview panel**



Summary

- ▶ **High definition video**
- ▶ **Time lag in playing the video**
- ▶ **Parameters for proxy settings**
- ▶ **Created lower resolution videos of the starting video**
- ▶ **Learned about memory cache size**



Assignment

- ▶ Practice to build proxies with different resolution
- ▶ Explore the lower resolution output video settings
- ▶ You may also use a video of your choice



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



Acknowledgements

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