Installation of OBS in Linux OS

Spoken Tutorial Project
https://spoken-tutorial.org
National Mission on Education through ICT
http://sakshat.ac.in

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Learning Objectives

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- **Install** FFmpeg
- **Install** v4l2loopback **driver**
- **Enable the** multiverse repo **in** Ubuntu's Software Centre

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In this tutorial, we will learn to

▶ **Install** `FFmpeg`

▶ **Install** `v4l2loopback` **driver**

▶ **Enable the** `multiverse` `repo` **in**
`Ubuntu's` `Software` `Centre`

▶ **Install** `OBS` `Studio` **in Linux OS**

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- ▶ **Scenes and Sources in** OBS

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- ▶ OBS Studio **workspace**
- ▶ **Scenes and Sources in** OBS
- ▶ **How to start and stop a recording in** OBS

Prerequisite

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► **You should also know how to use a** `web browser`

System Requirements

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- OBS Studio **Version: 27.0.1**

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- OBS Studio **Version: 27.0.1**
- **We also need a working** Internet **connection for the** installation

Installation Steps

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▶ **Before** `installing OBS`**, we need to** `install` **a few other components**

Installation Steps

▶ **First, we will see how to** `install` `FFmpeg` **in our system**

Installation Steps

- **First, we will see how to** `install` `FFmpeg` **in our system**
- **We will be** `installing` **all the components and** `OBS` **through the** `terminal`

Sources and Scenes

Sources and Scenes

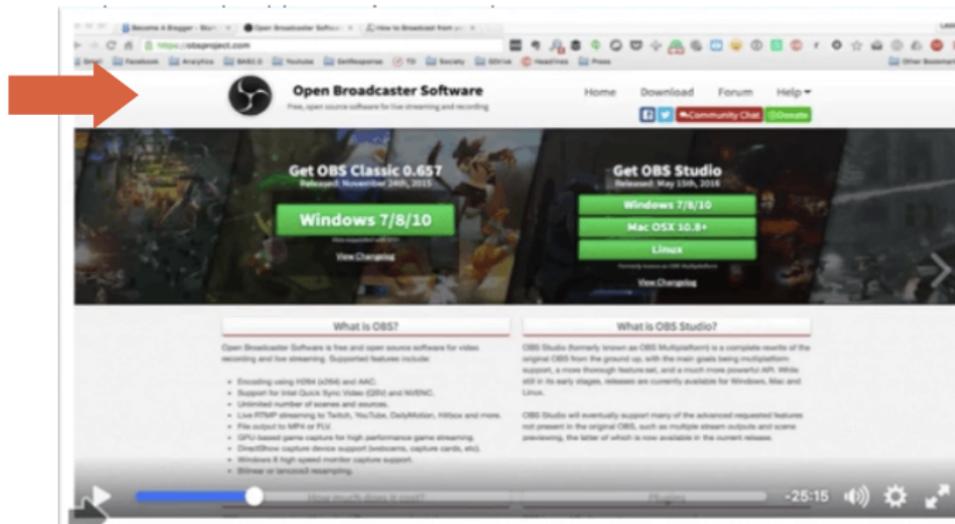▶ Scenes **are specific** layouts **for how we want our** sources **to be displayed**

Sources and Scenes

▶ Scenes **are specific** layouts **for how we want our** sources **to be displayed**

▶ Sources **are the things/elements shown on our screen**

Sources and Scenes

NVENC Codec Error

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Failed to open NVENC codec:
Unknown error occurred
Please check your video
drivers are up to date

NVENC Codec Error

- **If you get an error that says-**
  `Failed to open NVENC codec:`
  `Unknown error occurred`
  `Please check your video`
  `drivers are up to date`
- **Then refer to the Additional**
  Reading Material to fix it

Summary

- **Install** FFmpeg
- **Install** v4l2loopback **driver**
- **Enable the** multiverse repo **in** Ubuntu's Software Centre
- **Install** OBS Studio **in Linux OS**

Summary

- OBS Studio **workspace**
- **Scenes and Sources in** OBS
- **How to start and stop a recording in** OBS

Assignment

- **Create a new** `scene` **in** `OBS`
- **Name it as** `Scene 002`
- **Record your** `Desktop` **screen**
- **Save and close the file**
- **Go to the** `saved` **location and play the recording**

About the Spoken Tutorial Project

- ▶ Watch the video available at http://spoken-tutorial.org /What_is_a_Spoken_Tutorial

- ▶ It summarises the Spoken Tutorial project

- ▶ If you do not have good bandwidth, you can download and watch it

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 for Specific Questions

- ▶ **Do you have questions in THIS Spoken Tutorial?**
- ▶ **Please visit http://forums.spoken-tutorial.org**
- ▶ **Choose the minute and second where you have the question**
- ▶ **Explain your question briefly**
- ▶ **Someone from our team will answer them**

Forum for Specific Questions

► **The Spoken Tutorial forum is for specific questions on this tutorial**

► **Please do not post unrelated and general questions on them**

► **This will help reduce the clutter**

► **With less clutter, we can use these discussion as instructional material**

Acknowledgements

- ▶ **Spoken Tutorial project is funded by Ministry of Education (MoE), Govt. of India**