

Installation of Osdag in Ubuntu

Spoken Tutorial Project

<https://spoken-tutorial.org>

National Mission on Education through ICT

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Learning Objectives

In this tutorial, we will learn to



Learning Objectives

In this tutorial, we will learn to

- ▶ **Download and install Osdag in Ubuntu Linux OS**



Learning Objectives

In this tutorial, we will learn to

- ▶ Download and install Osdag in Ubuntu Linux OS
- ▶ Open Osdag through Terminal



Learning Objectives

In this tutorial, we will learn to

- ▶ Download and install Osdag in Ubuntu Linux OS
- ▶ Open Osdag through Terminal
- ▶ **Verify the installation**



System Requirements

To record this tutorial, I am using



System Requirements

To record this tutorial, I am using

▶ **Ubuntu Linux 20.04**



System Requirements

To record this tutorial, I am using

- ▶ **Ubuntu Linux 20.04**
- ▶ **Osdag v2021.02.a.a12f**



System Requirements

To record this tutorial, I am using

- ▶ **Ubuntu Linux 20.04**
- ▶ **Osdag v2021.02.a.a12f**
- ▶ **gedit text editor**



System Requirements

To record this tutorial, I am using

- ▶ **Ubuntu Linux 20.04**
- ▶ **Osdag v2021.02.a.a12f**
- ▶ **gedit text editor**
- ▶ **A working internet connection**



Pre-requisites

To follow this tutorial, the user should be familiar with



Pre-requisites

To follow this tutorial, the user should be familiar with

- ▶ **Basic Linux commands**



Pre-requisites

To follow this tutorial, the user should be familiar with

- ▶ Basic Linux commands
- ▶ **A text editor in Linux**



Pre-requisites

To follow this tutorial, the user should be familiar with

- ▶ Basic Linux commands
- ▶ A text editor in Linux
- ▶ **Basics of structural steel design**



Pre-requisites

To follow this tutorial, the user should be familiar with

- ▶ **Basic Linux commands**
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The pre-requisite tutorials are available on <https://spoken-tutorial.org>



Hardware Requirements

For a successful installation, we will need



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- ▶ **64-bit Ubuntu Linux 18.04 or later version**



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- ▶ **Minimum of 4 GB RAM**



Hardware Requirements

For a successful installation, we will need

- ▶ **64-bit Ubuntu Linux 18.04 or later version**
- ▶ **Minimum of 4 GB RAM**
- ▶ **Minimum of 4 GB hard disk space**



Code Files

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



Code Files

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



Code Files

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



Installation Steps

Installing Osdag is a two-step process



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- ▶ **First step is to install Miniconda**



Installation Steps

Installing Osdag is a two-step process

- ▶ First step is to install Miniconda
- ▶ **Second step is to install Osdag**



What is Miniconda?

- ▶ **Conda is a cross-platform package manager**



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- ▶ **Miniconda is a minimal installer for conda**



What is Miniconda?

- ▶ **Conda is a cross-platform package manager**
- ▶ **Miniconda is a minimal installer for conda**
- ▶ **Conda installs, runs and updates the packages and their dependencies**



Summary

In this tutorial, we have

- ▶ Downloaded and installed Osdag on Ubuntu Linux OS
- ▶ Opened Osdag through Terminal
- ▶ Verified the installation



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
- ▶ 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



Answers for THIS Spoken Tutorial

- ▶ **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**



- ▶ For any general or technical questions on Osdag, visit the FOSSEE forum and post your question <https://forums.fossee.in/>



Acknowledgements

- ▶ **The Spoken Tutorial project is funded by the Ministry of Education, Government of India**



Thank You!

- ▶ **This is Zahran Sajid, a FOSSEE summer fellow 2022, IIT Bombay signing off**
- ▶ **Thanks for joining**

