

# DSpace installation on Ubuntu Linux OS

**Spoken Tutorial Project**

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

**National Mission on Education through ICT**

**<http://sakshat.ac.in>**

**NVLI Team**

**IIT Bombay**

**May 27, 2020**



# Learning Objectives

**We will learn to:**



# Learning Objectives

**We will learn to:**

- ▶ **Install DSpace on Ubuntu Linux OS**



# Learning Objectives

**We will learn to:**

- ▶ **Install** DSpace **on** Ubuntu Linux OS
- ▶ **Crossverify** DSpace **installation**



# Learning Objectives

## We will learn to:

- ▶ **Install** DSpace **on** Ubuntu Linux OS
- ▶ **Crossverify** DSpace **installation**
- ▶ **Create a** DSpace **administrator account**



# System Requirement

**This tutorial is recorded using**



# System Requirement

**This tutorial is recorded using**

**▶ Ubuntu Linux OS 18.04**



# System Requirement

**This tutorial is recorded using**

- ▶ **Ubuntu Linux OS 18.04**
- ▶ **gedit text editor**



# System Requirement

**This tutorial is recorded using**

- ▶ **Ubuntu Linux OS 18.04**
- ▶ **gedit text editor**
- ▶ **Firefox web browser**



# Pre-requisites



# Pre-requisites

- ▶ **Installed** Java, Tomcat 8, Postgresql 10, Ant, Maven, git



# Pre-requisites

- ▶ **Installed** Java, Tomcat 8, Postgresql 10, Ant, Maven, git
- ▶ **Configured** Tomcat 8 server



# Pre-requisites

- ▶ **Installed** Java, Tomcat 8, Postgresql 10, Ant, Maven, git
- ▶ **Configured** Tomcat 8 server
- ▶ **Created dspace database in** Postgresql 10



# Pre-requisites



# Pre-requisites

- ▶ **You will also need minimum 5 unique email ids for practising various roles in DSpace**



# Pre-requisites

- ▶ You will also need minimum 5 unique email ids for practising various roles in DSpace
- ▶ If you don't have, then please create them before proceeding ahead



# Pre-requisites

- ▶ You should have familiarity with basic Linux commands



# Pre-requisites

- ▶ You should have familiarity with basic Linux commands
- ▶ If not then please go through the prerequisite Linux tutorials on <https://spoken-tutorial.org>



# Code Files

- ▶ **The commands used in this tutorial are available in the Code Files link on this tutorial page**



# Code Files

- ▶ **The commands used in this tutorial are available in the Code Files link on this tutorial page**
- ▶ **Please download and extract the file before practicing**



# local.cfg file



# local.cfg file

- ▶ **Renaming** local.cfg.EXAMPLE as local.cfg



# local.cfg file

- ▶ **Renaming** local.cfg.EXAMPLE as local.cfg
- ▶ **Copy** local.cfg.EXAMPLE as local.cfg



# Troubleshoot for build failure



# Troubleshoot for build failure

- ▶ **Verify all steps executed earlier by referring to the prerequisite tutorials**



# Troubleshoot for build failure

- ▶ **Verify all steps executed earlier by referring to the prerequisite tutorials**
- ▶ **Also check the version of all the packages installed**



# Summary

**In this tutorial we learnt to:**

- ▶ **Install** DSpace **on** Ubuntu Linux OS
- ▶ **Crossverify** DSpace **installation**
- ▶ **Create a** DSpace administrator **account**



# About the Spoken Tutorial Project

- ▶ **Watch the video available at**  
[http://spoken-tutorial.org/  
What\\_is\\_a\\_Spoken\\_Tutorial](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](mailto: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**



# Acknowledgements

**Spoken Tutorial project is supported  
by**

- ▶ **National Mission on Education  
through ICT (NMEICT)**

**An Initiative of MHRD, Government  
of India**



# Acknowledgements

- ▶ **DSpace spoken tutorial series is supported by National Virtual Library of India, Ministry of Culture, Government of India**
- ▶ **More information on this mission is available at**  
[www.indianculture.gov.in](http://www.indianculture.gov.in)

