

Getting ready for DSpace Installation

Spoken Tutorial Project

<https://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

NVLI Team

IIT Bombay

March 11, 2020



Learning Objectives

We will learn to:



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



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- ▶ **Configure Tomcat 8 server**



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- ▶ **Install** Java, Tomcat 8, Postgresql 10, Ant, Maven, git
- ▶ **Configure** Tomcat 8 server
- ▶ **Create dspace database in** Postgresql 10



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**



To practice this tutorial



To practice this tutorial

- ▶ **You need an internet connection to install the necessary packages**



To practice this tutorial

- ▶ **You need an internet connection to install the necessary packages**
- ▶ **You should be familiar with basic Linux commands**



To practice this tutorial

- ▶ If not then please go through the prerequisite Linux tutorials on <https://spoken-tutorial.org>



Hardware requirements



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- ▶ i3 processor or above



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- ▶ **i3 processor or above**
- ▶ **100GB hard disk or more**



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- ▶ **100GB hard disk or more**
- ▶ **4GB RAM or above**



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- ▶ **i3 processor or above**
- ▶ **100GB hard disk or more**
- ▶ **4GB RAM or above**
- ▶ **A network facility**



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**



JDK Version

- ▶ **If the JDK version other than 8 is installed, then remove it**



JDK Version

- ▶ **If the JDK version other than 8 is installed, then remove it**
- ▶ **If JDK version 11 is installed then type:**

```
sudo apt-get remove  
openjdk-11-jre-headless
```



Summary

In this tutorial we learnt to:

- ▶ **Install** Java, Tomcat 8, Postgresql 10, Ant, Maven, git
- ▶ **Configure** Tomcat 8 server
- ▶ **Create** dspace database in Postgresql 10



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



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~~

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 discussions as instructional material**



Acknowledgements

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

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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

