

Email Configuration for DSpace

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



Learning Objectives

We will learn to:



Learning Objectives

We will learn to:

- ▶ **Configure an email for DSpace**



Learning Objectives

We will learn to:

- ▶ **Configure an email for DSpace**
- ▶ **Prepare a shell script to rebuild DSpace**



Learning Objectives

We will learn to:

- ▶ **Configure an email for DSpace**
- ▶ **Prepare a shell script to rebuild DSpace**
- ▶ **Send a test email from DSpace**



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**
- ▶ **DSpace version 6.3**



System Requirement

This tutorial is recorded using

- ▶ **Ubuntu Linux OS 18.04**
- ▶ **DSpace version 6.3**
- ▶ **gedit text editor**



System Requirement

This tutorial is recorded using

- ▶ **Ubuntu Linux OS 18.04**
- ▶ **DSpace version 6.3**
- ▶ **gedit text editor**
- ▶ **Firefox web browser**



Pre-requisites



Pre-requisites

- ▶ **You should have installed DSpace 6.3**



Pre-requisites

- ▶ **You should have installed DSpace 6.3**
- ▶ **A working internet connection**



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**



Necessity of Email Configuration

In DSpace we have to configure the email settings to send emails from DSpace



Necessity of Email Configuration



Necessity of Email Configuration

- ▶ **Email verification during registration**



Necessity of Email Configuration

- ▶ **Email verification during registration**
- ▶ **Notification emails during Item submission and review**



Necessity of Email Configuration

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- ▶ **Notification emails during Item submission and review**
- ▶ **Get DSpace user's feedback**



Necessity of Email Configuration

- ▶ **Email verification during registration**
- ▶ **Notification emails during Item submission and review**
- ▶ **Get DSpace user's feedback**
- ▶ **Notifications to Community and Collection subscribers**



SMTP Services

- ▶ **DSpace requires SMTP service to send and receive emails**



SMTP Services

- ▶ DSpace **requires SMTP service to send and receive emails**
- ▶ SMTP **services like** Gmail, SendinBlue, SendGrid, Pepipost, Amazon SES **or Mandrill can be used**



SMTP Services

- ▶ **Custom SMTP services can be set up and used**



Rebuild DSpace



Rebuild DSpace

Rebuild process involves



Rebuild DSpace

Rebuild process involves

- ▶ **Compilation of source code**



Rebuild DSpace

Rebuild process involves

- ▶ **Compilation of source code**
- ▶ **Installation of Webapp**



Rebuild DSpace

Rebuild process involves

- ▶ **Compilation of source code**
- ▶ **Installation of Webapp**
- ▶ **Deployment of DSpace on Tomcat server**



Summary

In this tutorial we learnt to:

- ▶ **Configure email for DSpace**
- ▶ **Prepare a shell script to rebuild DSpace**
- ▶ **Send test email from DSpace**



About the Spoken Tutorial Project

- ▶ **Watch the video available at**
[https://spoken-tutorial.org/
What_is_a_Spoken_Tutorial](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



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

