

# Installation of Koha

**Spoken Tutorial Project  
National Mission on Education through ICT**

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

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# Learning Objectives



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- ▶ Configure **proxy** settings



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- ▶ Add **Koha** repository



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- ▶ Configure **proxy** settings
- ▶ Add **Koha repository**
- ▶ Install **Koha common**
- ▶ Configure **apache2** server



# Learning Objectives

- ▶ Configure **proxy** settings
- ▶ Add **Koha repository**
- ▶ Install **Koha common**
- ▶ Configure **apache2** server
- ▶ Configure **mysql** server



# System Requirement



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- ▶ **Ubuntu Linux 12.04**



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- ▶ **Koha version 3.16.05.1**



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- ▶ **Koha version 3.16.05.1**
- ▶ **Firefox Browser 33.0**



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- ▶ **Ubuntu Linux 12.04**
- ▶ **Koha version 3.16.05.1**
- ▶ **Firefox Browser 33.0**
- ▶ **Gedit Text editor version 3.10.4**



# Prerequisite



# Prerequisite

- ▶ **Working Internet connection**



# Prerequisite

- ▶ **Working Internet connection**
- ▶ **Admin access to your computer**



# Prerequisite

- ▶ **Working Internet connection**
- ▶ **Admin access to your computer**
- ▶ **Basic knowledge of Terminal**



# Prerequisite

- ▶ **For relevant tutorials visit our website**

<http://spoken-tutorial.org>



# Koha



# Koha

- ▶ **Koha** is an open source Integrated library management system



# Koha

- ▶ **Koha** is an open source Integrated library management system
- ▶ **Platform independent**



# Koha

- ▶ **Koha** is an open source Integrated library management system
- ▶ Platform independent
- ▶ Full text searching



# Koha

- ▶ **Koha** is an open source Integrated library management system
- ▶ Platform independent
- ▶ Full text searching
- ▶ It uses **MySQL database** as a backend



# Proxy Settings



# Proxy Settings

- ▶ If you are working under a proxy network then configure the proxy



# Proxy Settings

- ▶ **If you are working under a proxy network then configure the proxy**
- ▶ **If not, then you can skip these steps**



# Proxy Settings



# Proxy Settings

- ▶ `export http_proxy="http://login-name:password@proxy-address:proxy-port-number/"`



# Proxy Settings

- ▶ **login-name**



# Proxy Settings

- ▶ **login-name**
- ▶ **password**



# Proxy Settings

- ▶ **login-name**
- ▶ **password**
- ▶ **proxy-address**



# Proxy Settings

- ▶ **login-name**
- ▶ **password**
- ▶ **proxy-address**
- ▶ **proxy-port-number**



# Proxy Settings

- ▶ Password should not contain special character like **&, @, \$**



# Proxy Settings

- ▶ Password should not contain special character like **&, @, \$**
- ▶ Prefer **\*(asterisk)** as a special character in your passwords



- ▶ All the required lines of code have been provided in the **code.txt** file



- ▶ All the required lines of code have been provided in the **code.txt** file
- ▶ This file is available in **Code Files** link below the player



- ▶ All the required lines of code have been provided in the **code.txt** file
- ▶ This file is available in **Code Files** link below the player
- ▶ **Pause the tutorial**



- ▶ Click on the link and save the **code.txt** file on your machine



- ▶ Click on the link and save the **code.txt** file on your machine
- ▶ Then open it using gedit



- ▶ Click on the link and save the **code.txt** file on your machine
- ▶ Then open it using gedit
- ▶ Now resume the tutorial



- ▶ The login username will be `Koha_library`



# Koha Library



- ▶ **Open your web browser**



# Koha Library

- ▶ **Open your web browser**
- ▶ **<http://127.0.1.1:8080>**



# Koha Library

- ▶ **Open your web browser**
- ▶ **<http://127.0.1.1:8080>**
- ▶ **Koha login page**



# Koha Library

- ▶ **username** `Koha_library`



# Koha Library

- ▶ **username** `Koha_library`
- ▶ **password** that you noted down from `conf.xml` file



# Koha Library

- ▶ **username** `Koha_library`
- ▶ **password** that you noted down from `conf.xml` file
- ▶ Click on **Login**



# Summary



# Summary

- ▶ Configure **proxy** settings
- ▶ Add **Koha repository**
- ▶ Install **Koha common**
- ▶ Configure **apache2** server
- ▶ Configure **mysql** server



# About the Spoken Tutorial Project

- ▶ The video available at, [http://spoken-tutorial.org/What\\_is\\_a\\_Spoken\\_Tutorial](http://spoken-tutorial.org/What_is_a_Spoken_Tutorial)
- ▶ Summarises the Spoken Tutorial project
- ▶ If you do not have good bandwidth, you can download and watch it



# About the Spoken Tutorial Project

- ▶ We conduct workshops using spoken tutorials
- ▶ We also give certificates to those who pass an online test
- ▶ For more details write to [contact@spoken-tutorial.org](mailto:contact@spoken-tutorial.org)



# Acknowledgement

- ▶ **Spoken Tutorial Project is a part of Talk to a Teacher Project**
- ▶ **Supported by the National Mission on Education through ICT, MHRD, Government of India**
- ▶ **More information:**  
<http://spoken-tutorial.org/NMEICT-Intro>

