

Hosting Git Repositories

Spoken Tutorial Project

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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26 February 2016



Learning Objectives

In this tutorial, we will learn about



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In this tutorial, we will learn about

- ▶ **Git repository hosting services**



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- ▶ **Creating a GitHub account**



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In this tutorial, we will learn about

- ▶ Git repository hosting services
- ▶ Creating a GitHub account
- ▶ Creating a repository in GitHub



Learning Objectives

In this tutorial, we will learn about

- ▶ Git repository hosting services
- ▶ Creating a GitHub account
- ▶ Creating a repository in GitHub
- ▶ Creating a tag in the repository



System Requirements

To record this tutorial, I am using



System Requirements

To record this tutorial, I am using

- ▶ **Ubuntu Linux 14.04 OS**



System Requirements

To record this tutorial, I am using

- ▶ **Ubuntu Linux 14.04 OS**
- ▶ **Firefox web browser**



Prerequisites



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- ▶ **Working Internet connection**



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- ▶ You should have basic knowledge of **Git** commands



Prerequisites

- ▶ Working Internet connection
- ▶ You should have basic knowledge of **Git commands**
- ▶ If not, for relevant **Git** tutorials, visit www.spoken-tutorial.org



Git Repository Hosting Services



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 - ▶ CloudForge
 - ▶ **GitHub**



Git Repository Hosting Services

- ▶ There are many web-based hosting services available such as
 - ▶ Bitbucket
 - ▶ CloudForge
 - ▶ GitHub
- ▶ Import your Git repositories free of cost



Git Repository Hosting Services

- ▶ **Centralized location to share your repository**



Git Repository Hosting Services

- ▶ **Centralized location to share your repository**
- ▶ **To download and study other's projects free of cost**



Why GitHub?



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- ▶ **GitHub is the most popular website for housing Open Source Software**



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- ▶ **You can view, discuss and review changes with your team**



Why GitHub?

- ▶ **GitHub is the most popular website for housing Open Source Software**
- ▶ **You can view, discuss and review changes with your team**
- ▶ **The procedure used in Github, will be similar to other free Git hosting websites**



Summary

- ▶ Importance of online Git hosting services
- ▶ Creating a GitHub account
- ▶ Creating a repository in GitHub
- ▶ Creating a tag in the repository



Assignment

- ▶ **Create a repository in GitHub**
- ▶ **Add few files to the repository**
- ▶ **Edit the files and do some commits**
- ▶ **Try to create branches and tags in the repository**



Acknowledgement

- ▶ Watch the video available at 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



Acknowledgements

- ▶ **Spoken Tutorial Project is a part of the Talk to a Teacher project**
- ▶ **It is supported by the National Mission on Education through ICT, MHRD, Government of India**
- ▶ **More information on this Mission is available at:**

<http://spoken-tutorial.org/NMEICT-Intro>

