

Hosting Git Repositories

Spoken Tutorial Project

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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



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- ▶ **Creating a GitHub account**
- ▶ **Creating a repository in GitHub**
- ▶ **Creating a tag in the repository**



System Requirements

To record this tutorial, I am using



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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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- ▶ There are many web-based hosting services available such as



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Git Repository Hosting Services

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 - ▶ **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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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

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- ▶ **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>

