

# Inspection and Comparison of Git

Spoken Tutorial Project

<http://spoken-tutorial.org>

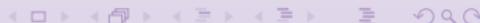
National Mission on Education through ICT

<http://sakshat.ac.in>

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# Learning Objectives

**In this tutorial, we will learn about**



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- ▶ `git diff`



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- ▶ **git show**
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# System Requirements

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- ▶ **Ubuntu Linux 14.04 OS**



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- ▶ **Git 2.3.2**
- ▶ **gedit Text Editor**



# Prerequisites



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- ▶ You should have knowledge of running **Linux** commands on the **Terminal**



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- ▶ If not, for relevant **Linux** tutorials please visit [www.spoken-tutorial.org](http://www.spoken-tutorial.org)



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# HEAD and HEAD~

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- ▶ **HEAD~** - The latest-1 revision is always **HEAD~** or **HEAD~1**
- ▶ **HEAD~2** - The latest-2 revision is always **HEAD~2**
- ▶ **HEAD~3** - The latest-3 revision is always **HEAD~3**



# Syntax to get help



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- ▶ `git help <verb>`



# Syntax to get help

- ▶ **git help <verb>**
- ▶ **git <verb>--help**



# Syntax to get help

- ▶ **git help <verb>**
- ▶ **git <verb>--help**
- ▶ **man git <verb>**

**Example:** git help show



# Summary

- ▶ **git diff**
- ▶ **git show**
- ▶ **git blame**
- ▶ **git help**



# Assignment

## Explore the following commands

- ▶ `git reflog`
- ▶ `git diff HEAD~ HEAD`
- ▶ `git show HEAD`
- ▶ `man git diff`



# Acknowledgement

- ▶ 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](mailto: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>

