

Linux Spoken Tutorial

Basic Commands in Linux

Talk to a Teacher
National Mission on Education through ICT
<http://spoken-tutorial.org>

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Pre-requisites :



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- Ubuntu 10.04 LTS
- Please refer to spoken tutorial on Getting Started with Linux on <http://spoken-tutorial.org>



Introduction



Introduction

Topics



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- **Commands**



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Topics

- **Commands**
- **Command interpreter**



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Topics

- **Commands**
- **Command interpreter**
- **Man command**



Commands



Commands

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- Seldom more than four characters in length like ls,who,ps.
- Lower case.
- **Case sensitive.**



Command Interpreter / Shell



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 - Bash shell



Command Interpreter / Shell

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- Allows us to enter commands for the operating system to execute.
- Multiple shells
- Standard shell in Linux
 - Bash shell
- Other shells
 - Bourne shell (sh)
 - C Shell (csh)
 - Korn shell(ksh)



Types of Commands



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- **External Commands**
 - separate files/program
 - **Eg** : most commands like `ls` , `ps` etc



Types of Commands

- **External Commands**
 - separate files/program
 - **Eg** : most commands like ls , ps etc
- **Internal Commands**
 - **Implementation written within the shell**
 - **Do not exist as separate files**
 - **Eg** : echo



Structure of Commands



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- **One word or multiple words separated by white spaces.**



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- Multiple word case
 - First word - the actual name of the command
 - Other words - arguments



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- One word or multiple words separated by white spaces.
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First word - the actual name of the command
Other words - arguments
- Arguments - options or expressions or filenames
- A command can perform different task depending on the option specified.
- **Short and long option.**



man Command



man Command

- **System's Manual Pager.**



man Command

- **System's Manual Pager.**
- **Argument - name of a program, utility or function.**



man Command

- **System's Manual Pager.**
- **Argument** - name of a program, utility or function.
- **man man**



man Command

- **System's Manual Pager.**
- **Argument** - name of a program, utility or function.
- **man man**
- **man -k**



Acknowledgement

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