

GNU/Linux - An Introduction Part 3

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Review

- Directory Files
- Special Files (Device Files)

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- 1 Link File
- 2 Pipes
- 3 Summary

Different Types of Linux Files

- 1 Regular File
- 2 Directory
- 3 Special File (Device File)
- 4 Link File
- 5 FIFO, Socket Files

Link File

- A Link to other file.
- Unlike the Windows Link/Shortcut Files, these are at filesystem level.
- The link file behaves exactly like the file to which it is linked.
- Types -
 - Hard Link (only within a partition/filesystem)
 - Soft Link/Symbolic Link (unrestricted)

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Operations on a Link File

Operation	Command
Create	ln
Remove	rm

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Pipes

What are pipes?

Simple structures whose output is same as input.

Use!?

Link two processes (or crudely programs) by connecting output of one to input of another.

Types

- Pipe operator '|'.
● Pipe files

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Read	cat,cp
Write	(redirection)
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- Link Files
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References

-  The Linux Documentation Project. <http://www.tldp.org>
-  Machtelt Garrels. "Bash Guide for Beginners". Version 1.8.
WWW link - <http://tldp.org/LDP/Bash-Beginners-Guide/Bash-Beginners-Guide.pdf>.