

Link in Linux ?

- Every file on the Linux filesystem starts with a single hard link.
- Creating links is a kind of shortcuts to access a file. Links allow more than one file name to refer to the same file, elsewhere.
- A soft link is similar to the file shortcut feature which is used in Windows Operating systems
- By using links, we can create shortcuts or references to frequently accessed files or directories, making it easier to navigate the file system and access important data.
- Additionally, links are useful for managing disk space efficiently. Instead of duplicating files, we can create multiple links to a single file, reducing disk usage while maintaining access to the same data.

There are two types of links :

- 1- Soft Link or Symbolic link # ln -s source destination
- 2- Hard Link # ln source destination

soft link	Hard link
SHORTCUT FILE	BACKUP FILE
if original file is deleted, link is broken and data is lost	If original file is deleted then also link will contain data
Files,directories	files
Inode no. of source and link file is different	Inode no. of both file is same