

EXT2 FS

Physical Filesystem Layout

Boot Block	Block Group 1	Block Group 2	...	Block Group N
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Block Group N

Super Block	Block Group Descriptors	Partial Block Bitmap	Partial Inode Bitmap	Partial Inode Table	Data Blocks	...	Data Blocks
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Metadata about the filesystem

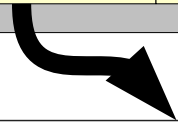
Information about all blocks

Map of used blocks for this group

Map of used inodes for this group

Directory File

Directory Entry 0	Directory Entry 1	...	Directory Entry N
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Directory Entries

Directory Entry N

Inode Number	Entry Length	Name Length	Filename
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Hard Link

Directory File

3	12	1	A
4	12	1	B
5	12	1	C
4	12	1	D

Inode Table

...
Inode Metadata for Index 3
Inode Metadata for Index 4
Inode Metadata for Index 5
...

Symbolic Links

Directory File

10	12	1	A
11	12	1	B
12	12	1	C

Inode Table

...
Inode Metadata for Index 10
Inode Metadata for Index 11 Symbolic link filetype
Inode Metadata for Index 12
...

Data Blocks

A. Sheaff HW 01
C
How to Use VIM

