a

Directory inode
Document.pdf → 10300
Document.odt → 10301

Directory inode
Rysunek1.bmp → 10399
Rysunek2.bmp → 10399

Directory inode
Last → 10400
(Null)

Directory inode
Document.pdf → 10300
Document.odt → 10301

Directory inode
Rysunek1.bmp → 10399
Rysunek2.bmp → 10399

Extended attributes
Someint = 1234
Somestring = xyz

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Somestring = xyz

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Someint = 1234
Somestring = xyz

File inode
Ino number: 10399
Size: 1200100 bytes
Attributes: rw-rw-rw-
First pointer: 40100

File inode
Ino number: 10399
Size: 1200100 bytes
Attributes: rw-rw-rw-
First pointer: 40100

Indirect pointer block
40101
40102
40103
40104

Indirect pointer block
40101
40102
40103
40104

Indirect pointer block
40101
40102
40103
40104

Content
1A2B3C4D1A2B3C4D1A2B3C4D

Content
1A2B3C4D1A2B3C4D1A2B3C4D

Content
1A2B3C4D1A2B3C4D1A2B3C4D

Content
1A2B3C4D1A2B3C4D1A2B3C4D

Journal
(two phase protocol)

b

a	b	c
a	b	c
a	b	c
a	b	c
a	b	c

B-Tree node

B-Tree node

B-Tree node

B-Tree node

B-Tree node

B-Tree node

B-Tree node

B-Tree node

B-Tree node

B-Tree node

Ring buffer of 4k-frames

Directory node
Document.pdf → 10300
Document.odt → 10301
Rysunek1.bmp → 10399
Rysunek2.bmp → 10399

File node
ID number: 10399
Size: 1200100 bytes
Attributes: rw-rw-rw-

Content in extents:
Extent1 position/length
Extent2 position/length
Extent3 position/length
Extent4 position/length
...