



Finding Free Space

page table

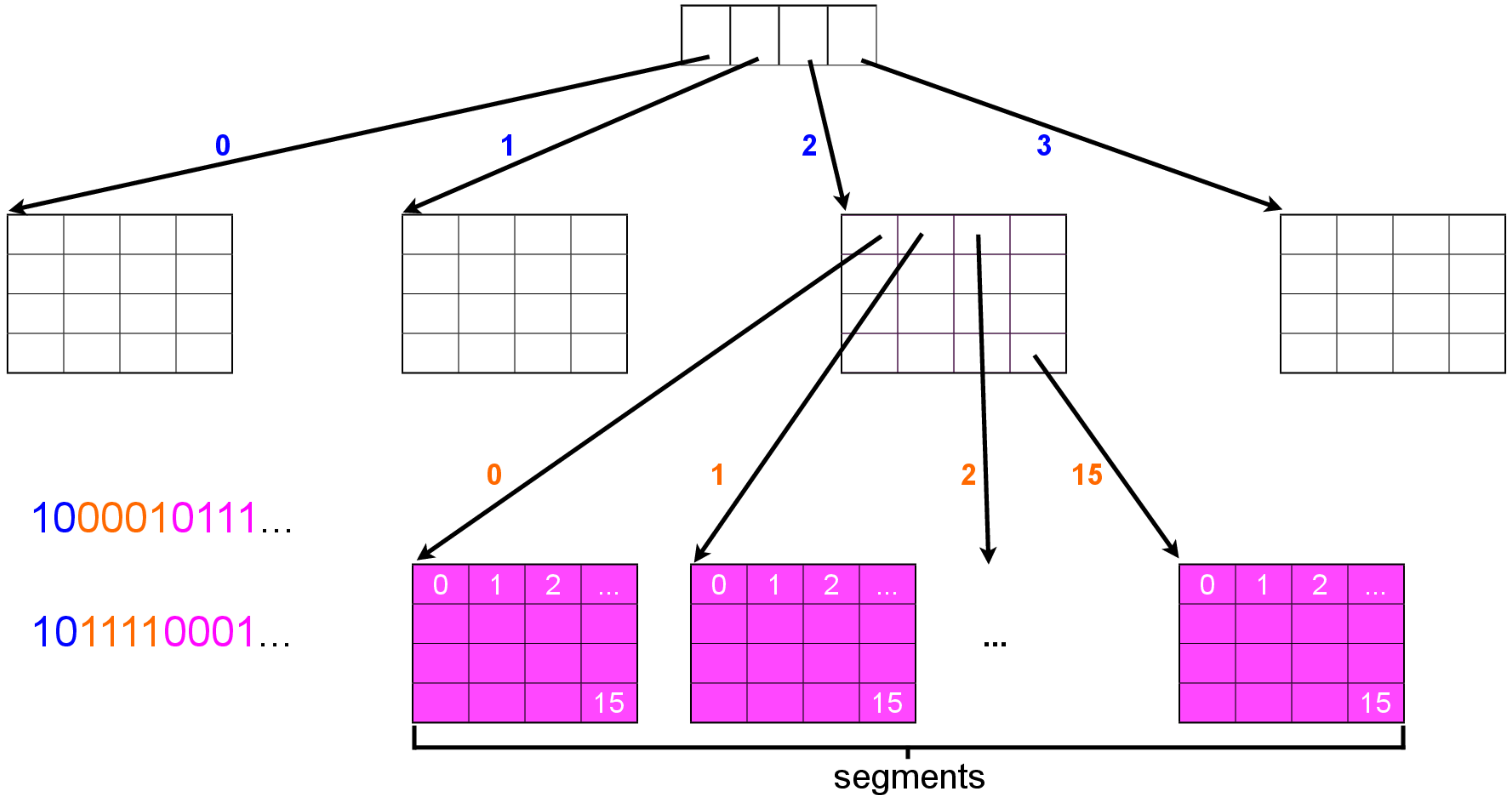
virtual pageID	physical pageID
42	11
32	56
77	23
33	34

Finding Free Space

page table

virtual pageID	physical pageID	Bytes available
42	11	3456
32	56	2021
77	23	2302
33	34	5

Per Segment Table



Per Segment Table?

page table + Bytes available

virtual pageID suffix	physical pageID offset × 4K	Bytes available
..0000	11	3456
..0001	12	2014
..0010	7	2102
..0011	9	777

Per Segment Table?

Bytes available

virtual pageID suffix
..0000
..0001
..0010
..0011

0
4K
8K

Bytes available
3456
2014
2102
777

Free Memory Table

Bytes available

virtual pageID suffix	Bytes available
..0000	3456
..0001	2014
..0010	2102
..0011	777

