

Block #	17	18
Next Block	18	0
	4589	24353
	43546	98745
	718	76345
	345	9877
	23456	7345
	8345345	34535
	634534	154698
	3478	967
	56	8657

a)

Block #	17	18
Next Block	18	0
	4589	24353
	43546	98745
	718	76345
	345	9877
		7345
		34535
		154698
		967
		8657

b)

Block #	17	18
Next Block	18	0
	4589	24353
	43546	98745
	718	76345
	345	9877
	22	7345
		34535
		154698

		967
		8657

c)

Block #	17	18
Next Block	18	0
		24353
		98745
		76345
		9877
		7345
		34535
		154698
		967
		8657

d)

Block #	17	18
Next Block		0
		24353
		98745
		76345
		9877
		7345
		34535
		154698
		967
		17

e)

Block #	17	18
Next Block		0
	data	24353
	data	98745
	data	76345
	...	9877
		7345
		34535

--	--	--

f)

Block #	634534	18
Next Block	18	0
		24353
		98745
		76345
		9877
		7345
		34535
		23456
		8345345
		56

2)

If you running out of space, the list is better. Because the free block tables can be used.