

Block #	17	18
Next Block	18	0
	4589	24353
	43564	98745
	718	76345
	345	9877
	23456	7345
	8345345	34535
	634534	154698
	3478	967
	56	8657

Block #	17	18
Next Block	18	0
	4589	24353
	43564	98745
	718	76345
	345	9877
		7345
		34535
		154698
		967
		8657

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

17 is used as a normal block.

Block #	17	18
Next Block	18	0
	4589	24353
	43564	98745
	718	76345
	345	9877
	22	7345
		34535
		154698
		967
		8657

Block #		18
Next Block		0
		24353
		98745
		76345
		9877
		7345
		34535

2.)The linked-list approach will need less space if the used space doesnt cross 30 GB.

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

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