Table A to Z

Each item splits into a table A to Z

Follow the key JSHDF down to the item

Btree with all data items at the bottom nodes

Link from one node across to the next one for linear next

Other nodes hold the largest and smallest values in the sub-tree

Sort and split into chunks for bulk create

Delete, tag items and re-use on insert or periodically rebuild

Left and right node

Insert one into left node

Insert another into left node, overbalanced, move one across to right node

Main node holds the largest value from the left node

Repeat for sub levels

Indicator overweight 1 item, overweight 2 items