17.4 B-Tree Invariants

B-Tree Invariants

Because of the way B-Trees are constructed, they have two invariants:

1. All leaves are the same distance from the root.
2. A non-leaf node with k items must have exactly k + 1 children.

These two invariants guarantee a "bushy" tree with $\log N$ height.

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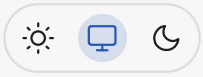
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