<<abstract>> <u>Node</u> # BufferBlock : BufferBlock # Degree: int # ID: long # NumKeys: int #_Keys : int[] +SearchKey(int): (int, N) +Split(): ((int, T), N) +Merge(int, T, N): void +GainsFromRight(int, T, N): void +GainsFromLeft(int, T, N) : void +LosesToLeft(): void +LosesToRight(): void +IsFull(): bool +IsUnderflow(): bool +<u>InsertKey(int, T)</u>: ((int, T), N) +DeleteKey(int): void +ForfeitKey(): (int, T) +<u>Traverse</u>(string) : string +GetKeys(): int[] +GetID(): long +GetNumKeys(): int +Spacer(string): string +Spacer(int): string <<abstract>> <u>BTreeNode</u> #_Contents : T +GetContents(): T NonLeafNode LeafNode -_Children : BTreeNode<T> +NonLeafNode(int, int[], T[], BTreeNode<T>[], BufferBlock) +LeafNode(int, int[], T[], BufferBlock) +GetChildren(): BTreeNode<T> -Search(int): int -Search(int): int +SearchKey(int): (int, BTreeNode<T>) +SearchKey(int): (int, BTreeNode<T>) +Split(): ((int, T), BTreeNode<T>) +InsertKey(int, T) : ((int, T), BTreeNode<T>) +InsertKey(int, T): ((int, T), BTreeNode<T>) +Split(): ((int, T), BTreeNode<T>) +DeleteKey(int): void $+ ForfeitKey(): (int, \, T)\\$ +ForfeitKey(): (int, T) +Merge(int, T, BTreeNode<T>) : void +Merge(int, T, BTreeNode<T>): void +MergeAt(int): void +GainsFromRight(int, T, BTreeNode<T>): void +GainsFromRight(int, T, BTreeNode<T>): void +LosesToLeft(): void +GainsFromLeft(int, T, BTreeNode<T>): void +LosesToLeft(): void +GainsFromLeft(int, T, BTreeNode<T>): void +LosesToRight(): void +LosesToRight(): void +Traverse(string): string +Traverse(string): string