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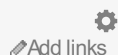
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Pagoda (data structure)

From Wikipedia, the free encyclopedia

In [computer science](#), a **pagoda** is a [priority queue](#) implemented with a variant of a [binary tree](#). The root points to its children, as in a binary tree. Every other node points back to its parent and down to its leftmost (if it is a right child) or rightmost (if it is a left child) descendant leaf. The basic operation is merge or meld, which maintains the [heap property](#). An element is inserted by merging it as a singleton. The root is removed by merging its right and left children. Merging is bottom-up, merging the leftmost edge of one with the rightmost edge of the other.

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Categories: [Priority queues](#)

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