

# Test of planarforest package

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A forest is *beautiful* if:

- Each subtree is beautiful.
- The horizontal distance between two adjacent subtrees is one unit.
- The roots of the subtrees are spaced out as evenly as possible.

A tree is *beautiful* if:

- The forest you get by removing the root of the tree is beautiful.
- The vertical distance between the root and the next level of nodes is one unit.
- The horizontal position of the root is the median of the horizontal positions of the roots of the subtrees.

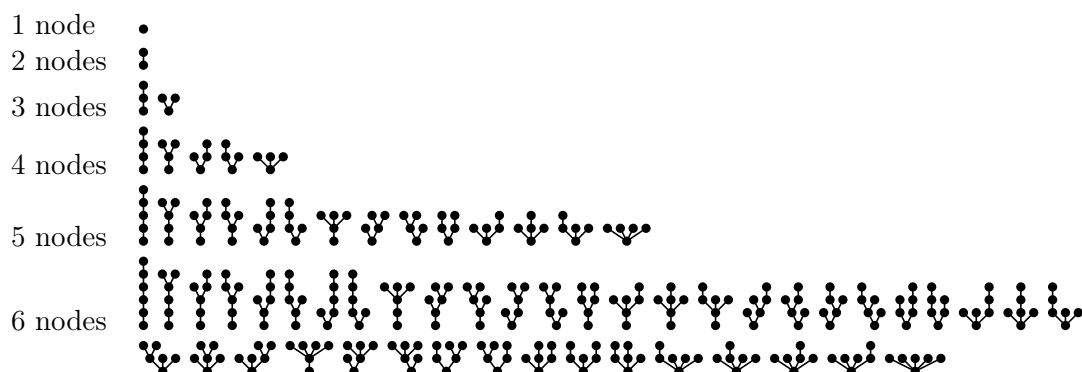
Additionally:

- The tree consisting of a single node is beautiful.

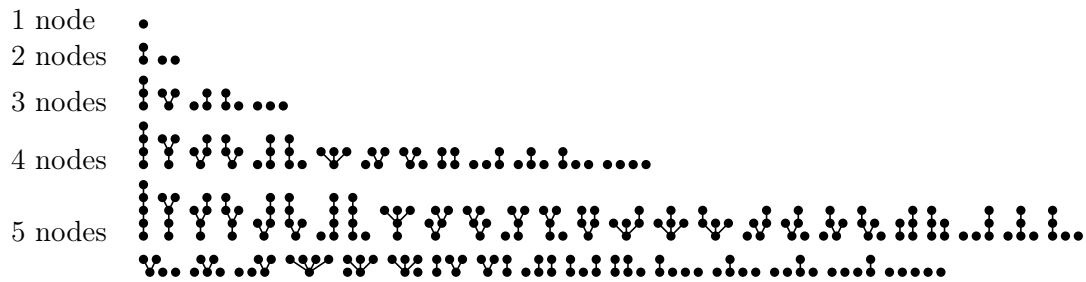
## Colors



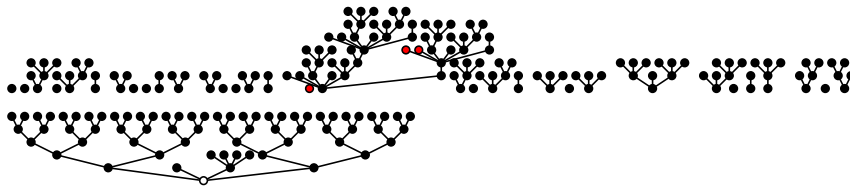
## Planar trees of order 1–6



## Planar forests of order 1–6



## Difficult forests



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