

Prune node

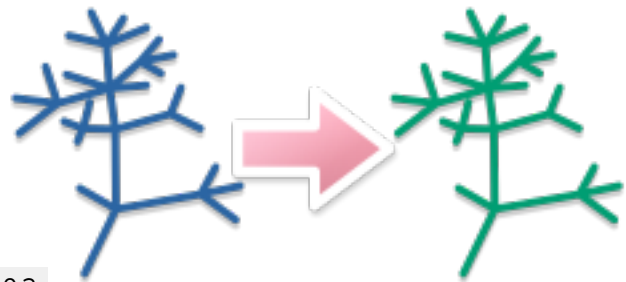
Version 1.0.0, by Giorgio Bianchini

Description: Prunes a node off the tree.

Module type: FurtherTransformation

Module ID:

ffc97742-4cf5-44ef-81aa-d5b51708a003



This module is used to prune a subtree from the tree.

Parameters

Node

Control type: Node

This parameter determines the node to prune off the tree. If only a single node is selected, the that node is pruned. If more than one node is selected, the last common ancestor (LCA) of all of them is pruned. Nodes are selected based on their `Name` .

Position

Control type: Slider

Default value: 50 %

Range: [0 %, 100 %]

This parameter determines the relative position along the branch leading to the [Node](#) at which the pruning is performed. If the value is `0` , the node is completely removed from the tree, including the branch that led to it. If the value is `1` , The children of the node are removed from the tree, but the branch leading to the node and the node itself are still kept in the same position. If the value is between `0` and `1` , the children of the selected node are removed from the tree and the length of the branch leading to the node is multiplied by this value.

Leave one-child parent

Control type: Check box

Default value: Unchecked

If the [Position](#) is 0 and the parent node of the selected node had two children (the selected

node, which is being removed, and another node), after the pruning, the parent node should be left with a single children (the other node). If this check box is unchecked, the parent node is also removed from the tree, and the other child node is grafted onto the parent's parent, with its branch length incremented by the branch length of the parent.

Apply

Control type: Button

This button applies the changes to the values of the other parameters and triggers a redraw of the tree.