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tree.hh documentation

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Abstract

The tree.hh library for C++ provides an STL-like container class for n-ary trees, templated

1 Overview

1.1 The container class

The tree class of `tree.hh` is a templated container class in the spirit of the STL. It organises data

pre-order (default)	\element before children"	pre_order_iterator	root A B C D E F	
post-order	\element after children"	post_order_iterator	B C A E F D root	
breadth- rst		breadth_first_iterator	root A D B C E F	
sibling	\only siblings"	sibling_iterator	(for ex.) A D	
xed-depth		fixed		sibling

3 Other algorithms

3.1 Non-mutating algorithms

Counting nodes The total number of nodes of a tree can be obtained using the `size` mem-

Extracting subtrees You can create a new tree object lled with the data of a subtree of the

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