Implementation of Trees

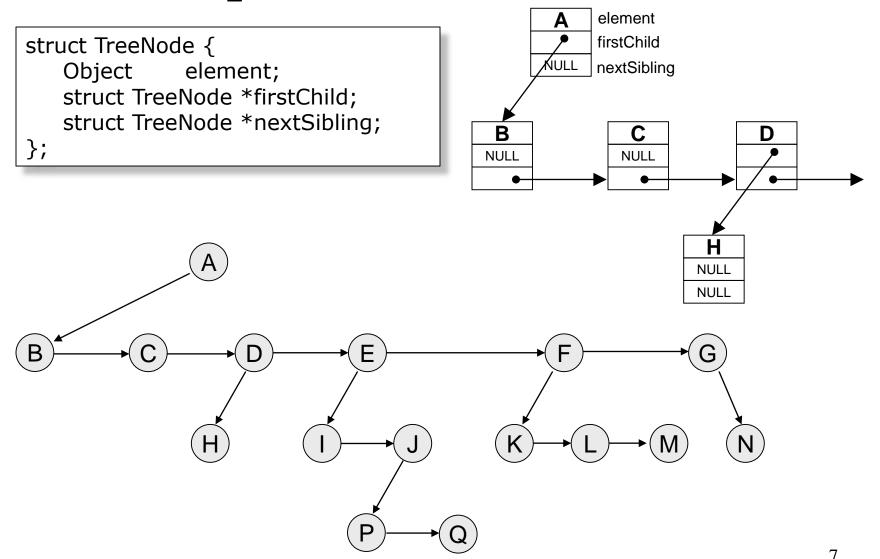
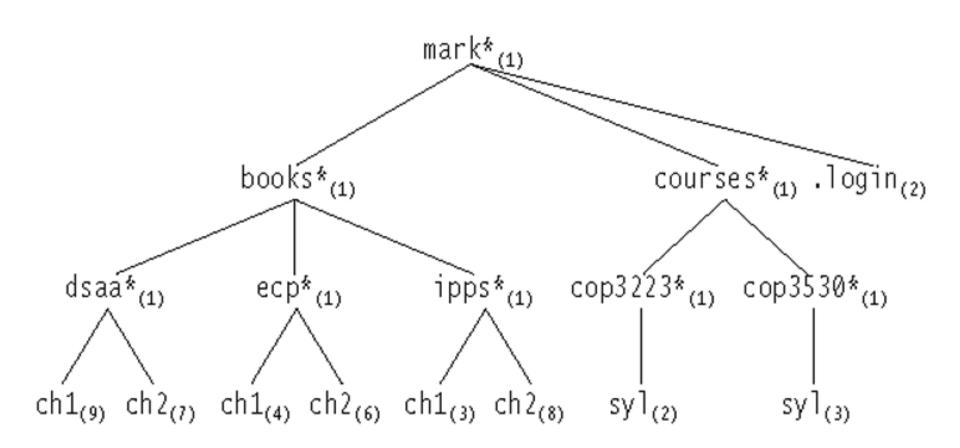
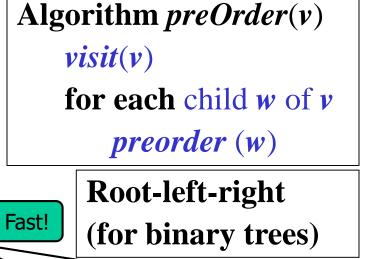


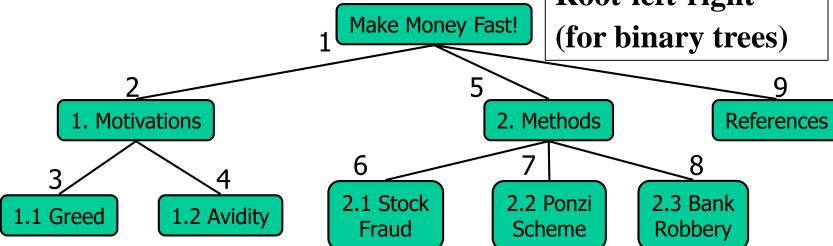
Figure 2: The Unix directory with file sizes



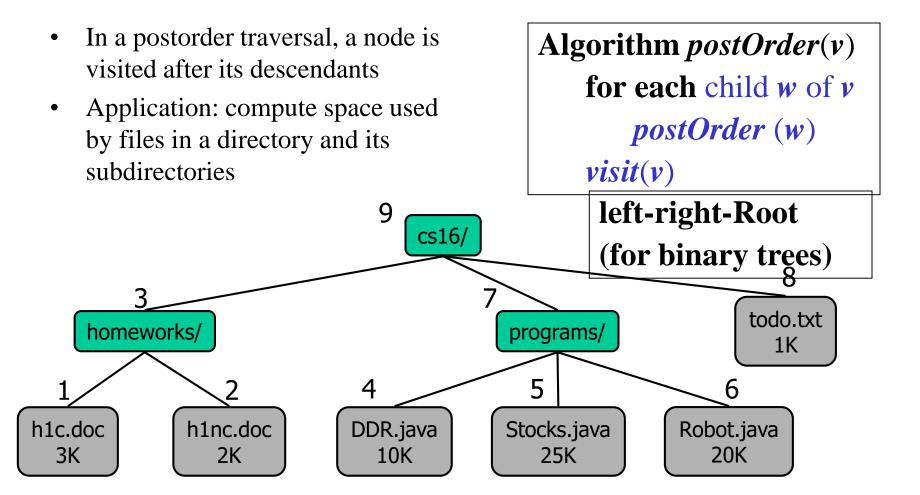
Preorder Traversal

- A traversal visits the nodes of a tree in a systematic manner
- In a preorder traversal, a node is visited before its descendants
- Application: print a structured document





Postorder Traversal



Inorder Traversal

Algorithm inOrder(v)

if(v == NULL) return

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- In an inorder traversal, left node is visited followed by the Root followed by the right node (binary)
- Application: fast sorting on binary

