

二叉树遍历

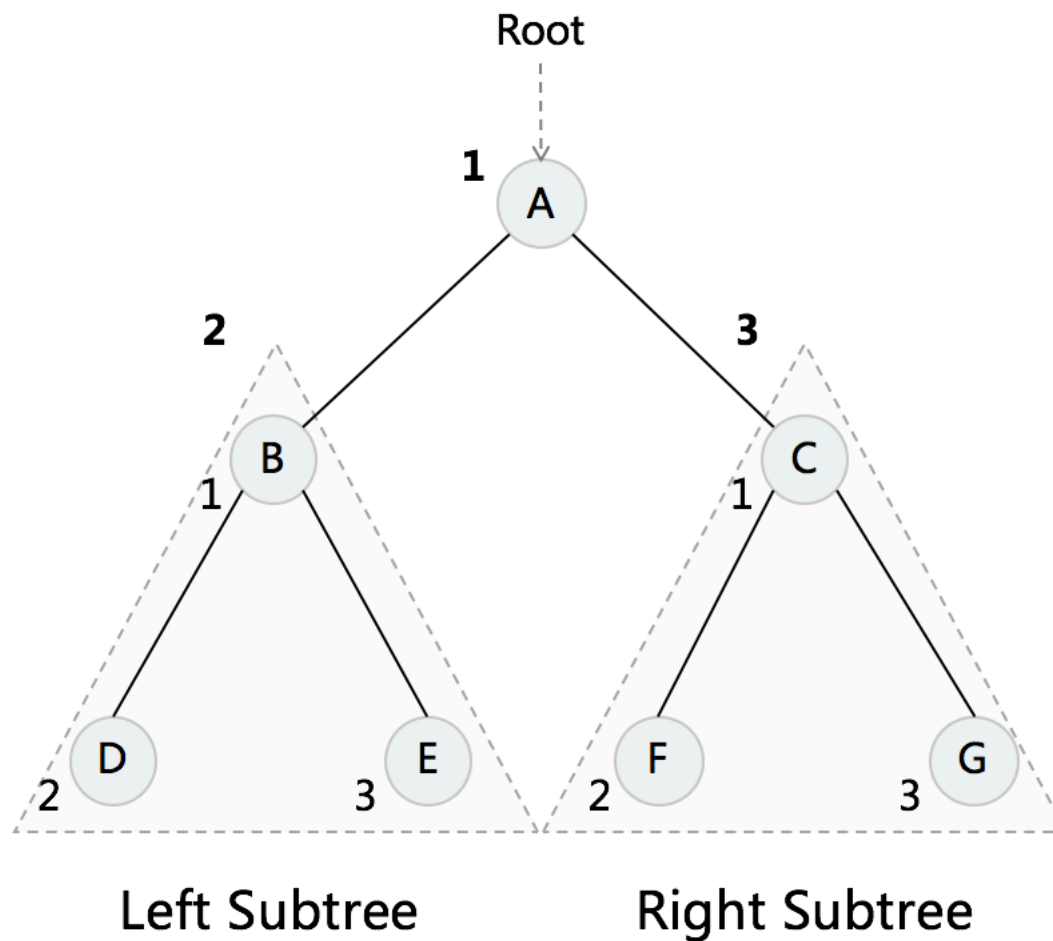
Pre-order/In-order/Post-order

本节内容

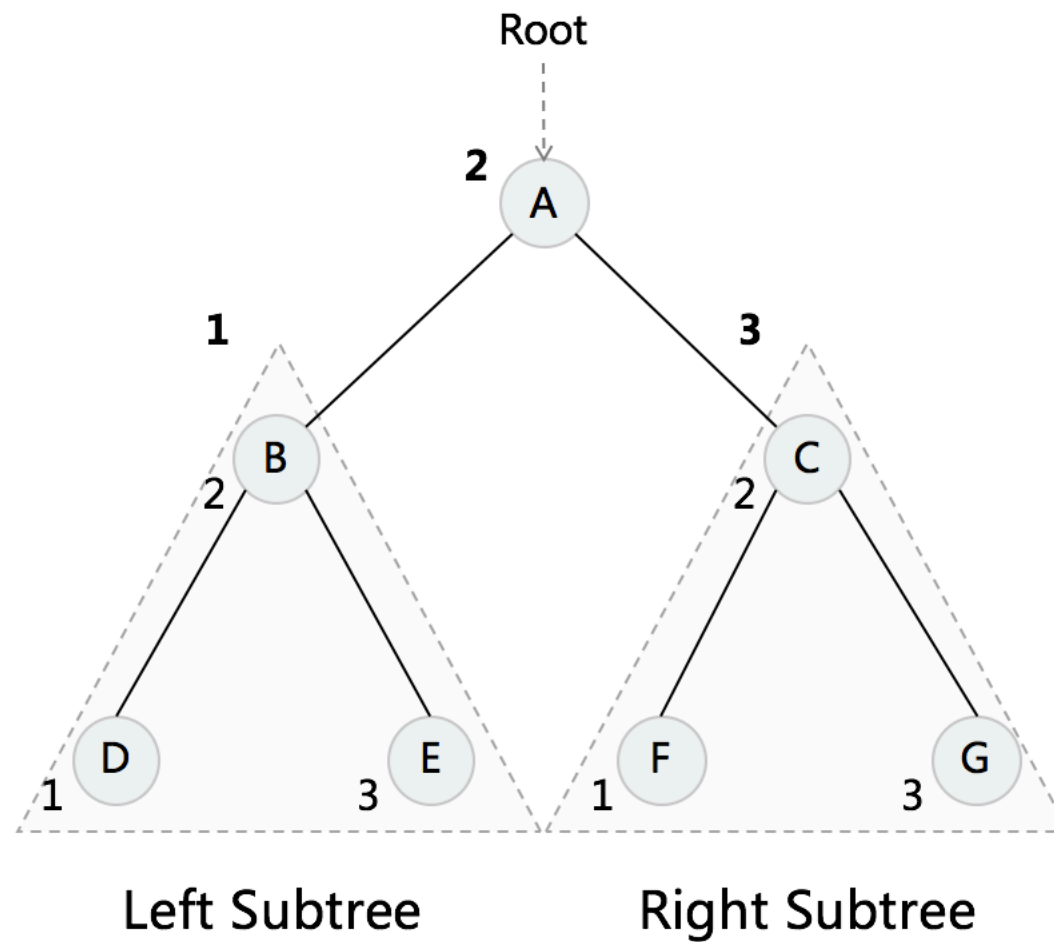
1. Pre-order
2. In-order
3. Post-order

1. 前序(Pre-order): 根-左-右
2. 中序(In-order): 左-根-右
3. 后序(Post-order): 左-右-根

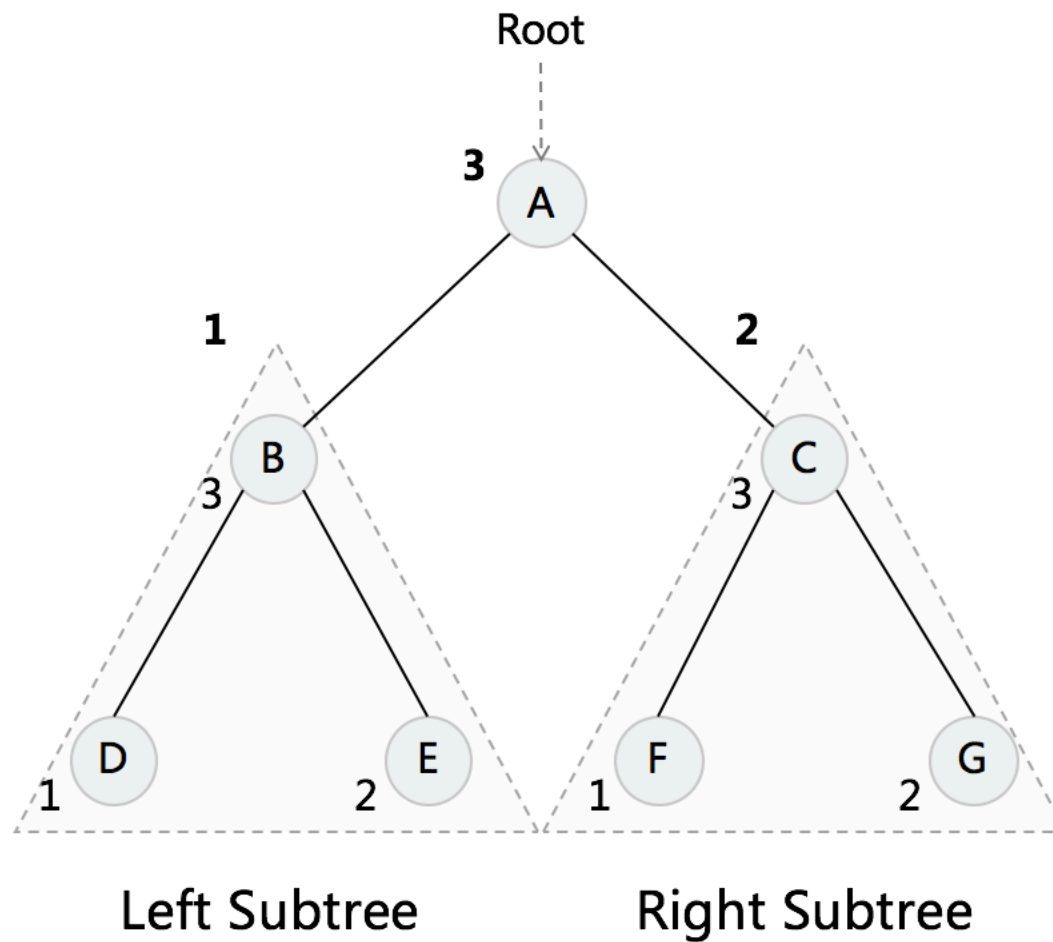
Pre-order Traversal



In-order Traversal



Post-order Traversal



```
def preorder(self, root):  
  
    if root:  
        self.traverse_path.append(root.val)  
        self.preorder(root.left)  
        self.preorder(root.right)
```

```
def inorder(self, root):  
  
    if root:  
        self.inorder(root.left)  
        self.traverse_path.append(root.val)  
        self.inorder(root.right)
```

```
def postorder(self, root):  
  
    if root:  
        self.postorder(root.left)  
        self.postorder(root.right)  
        self.traverse_path.append(root.val)
```

实战题目

1. <https://leetcode.com/problems/kth-largest-element-in-a-stream/discuss/149050/Java-Priority-Queue>
2. <https://leetcode.com/problems/top-k-frequent-words/description/>