

## 书脊

倾城与倾国, 佳人难再得

Search...

December 2016

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## CATEGORIES

Algorithm (28)

# Binary Tree Longest Consecutive Sequence

给一个binary tree, 问你怎么找其中最长的连续递增的path.



Apache Flink (3)

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面向对象的设计 (1)

## TAGS

Codeforces

这个返回3.

解法很简单, 和找数组最大连续递增的子序列一样.

```
1 private int result = Integer.MIN_VALUE;
2     public int longestConsecutive(TreeNode root)
3         if(root == null)
4             return 0;
5         dfs(root, 0, root);
6         return result;
7     }
8     private void dfs(TreeNode root, int cur, Tree
9         if(root == null)
10            return;
11            if(root.val == pre.val+1)
12                cur++;
13            else
14                cur = 1;
15            result = Math.max(result, cur);
16            dfs(root.left, cur, root);
17            dfs(root.right, cur, root);
18    }
```

- Leetcode
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