104. Maximum Depth of Binary Tree

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Total Accepted: **213200** Total Submissions: **416716** Difficulty: **Easy** Contributors: **Admin**

Notes

Given a binary tree, find its maximum depth.

The maximum depth is the number of nodes along the longest path from the root node down to the farthest leaf node.

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Python

```python
# Definition for a binary tree node.
# class TreeNode(object):
#     def __init__(self, x):
#         self.val = x
#         self.left = None
#         self.right = None

class Solution(object):
    def maxDepth(self, root):
        """
        :type root: TreeNode
        :rtype: int
        """
        def bfs(root):
            level=0
            thislevel=[root]
            while thislevel:
                level=level+1
                nextlevel=[]
                for n in thislevel:
                    if n.left:
                        nextlevel.append(n.left)
                    if n.right:
                        nextlevel.append(n.right)
                thislevel=nextlevel
            return level
        if root==None:
            return 0
        level=bfs(root)
        return level
```

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