231 Power of Two

2018年4月5日   16:44

Question:

Given an integer, write a function to determine if it is a power of two.

来自 <https://leetcode.com/problems/power-of-two/description/>

给定一个整数，写一个函数来判断它是否是2的幂。

Solution for Python3:

```python
class Solution:
    def isPowerOfTwo(self, n):
        """
        :type n: int
        :rtype: bool
        """
        return n > 0 and not n & (n - 1)
```

Solution for C++:

```cpp
class Solution {
public:
    bool isPowerOfTwo(int n) {
        return n > 0 && !(n & (n - 1));
    }
};
```