

155 Min Stack

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难点在于如何存储最小值, 这里的代码每一个node放的都是每次stack中最小值.

可以使用node的内部类.

```
class MinStack {
    private Node head;

    public void push(int x) {
        if(head == null)
            head = new Node(x, x);
        else
            head = new Node(x, Math.min(x, head.min), head);
    }

    public void pop() {
        head = head.next;
    }

    public int top() {
        return head.val;
    }

    public int getMin() {
        return head.min;
    }

    private class Node {
        int val;
        int min;
        Node next;

        private Node(int val, int min) {
            this(val, min, null);
        }

        private Node(int val, int min, Node next) {
            this.val = val;
            this.min = min;
            this.next = next;
        }
    }
}
```