title: '自己动手实现- (UIView *)hitTest:(CGPoint)point withEvent:(UIEvent *)event'
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tags:

```objc
- (UIView *)hitTest:(CGPoint)point withEvent:(UIEvent *)event
{

    // 1.判断当前控件能否接收事件
    if (self.userInteractionEnabled == NO || self.hidden == YES || self.alpha <= 0.01) return nil;

    // 2. 判断点在不在当前控件
    if ([self pointInside:point withEvent:event] == NO) return nil;

    // 3.从后往前遍历自己的子控件
    NSInteger count = self.subviews.count;

    for (NSInteger i = count - 1; i >= 0; i--) {
        UIView *childView = self.subviews[i];

        // 把当前控件上的坐标系转换成子控件上的坐标系
        CGPoint childP = [self convertPoint:point toView:childView];

        UIView *fitView = [childView hitTest:childP withEvent:event];


        if (fitView) { // 寻找到最合适的view
            return fitView;
        }
    }
    // 循环结束,表示没有比自己更合适的view
    return self;
}
```