WWSwitch - UIView動畫的應用

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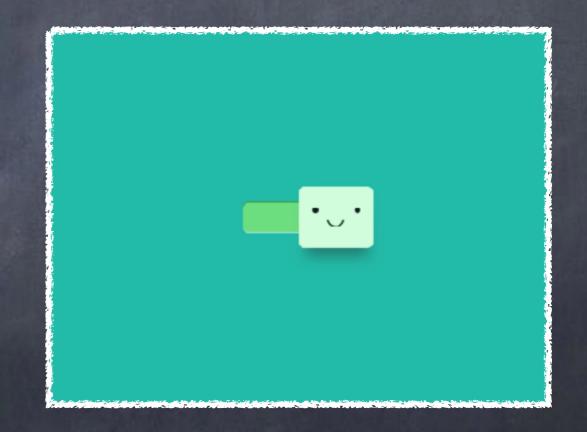
作者簡介

- 地球人
- 單身
- ☞ 使用Xcocle騙吃騙喝有2年 以上的時間
- ◎ 某外商的高級打字工
- https://github.com/William-Weng/

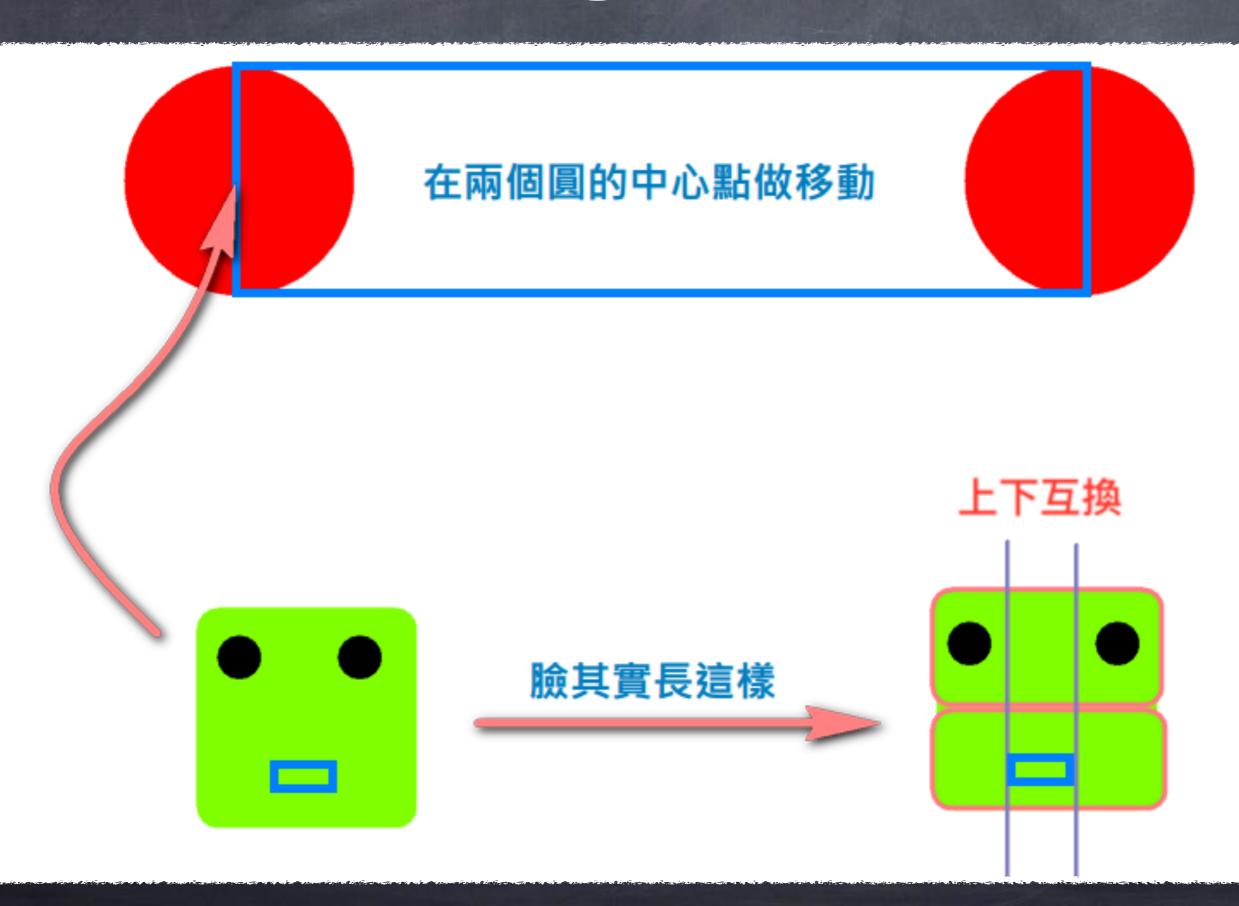


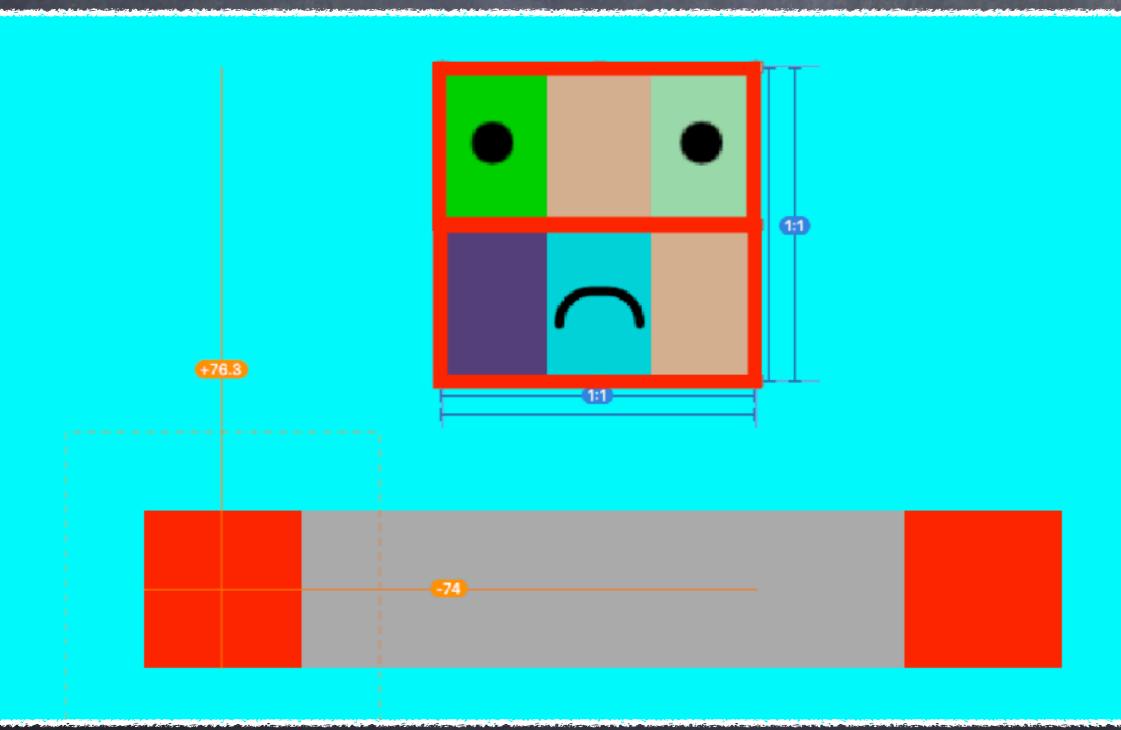
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ahttps://
dribbble.com/shots/
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想法





七批节

layer.cornerRadius



主要的功能

```
/// 切換開關 (設定下一次的值 => 設定下一次的位置 => 動畫開始)
@IBAction func buttonSwitch(_ sender: UIButton) {

    guard let nowDirection = SwitchDirection.init(rawValue: sender.tag) else { return }

    let nextInfo: SwitchInfo = switchValueSetting(with: nowDirection)
    switchNextDirectionSetting(with: nowDirection)
    switchAnimation(with: nowDirection, and: nextInfo)
}
```

參數的設定

```
• • •
typealias SwitchInfo = (center: CGPoint, angle: CGFloat)
enum SwitchDirection: Int {
    case left = 0
    case right = 1
    func color() -> UIColor {
        let colors: [UIColor] = [.yellow, .blue]
        return colors[self.rawValue]
    }
    func viewColor() -> UIColor {
        let colors = [UIColor] = [.yellow, .blue]
        return colors[self.rawValue]
    func nextDirection() -> Int {
        let tag = (self == .left) ? SwitchDirection.right.rawValue : SwitchDirection.left.rawValue
        return tag
```

功能解說

```
private func switchValueSetting(with direction: SwitchDirection) -> SwitchInfo {
    var nextSwitchInfo: SwitchInfo = (CGPoint.zero, 0)
    switch direction {
    case .left:
        nextSwitchInfo = (switchBarRight.center, .pi)
        switchButton.tag = SwitchDirection.right.rawValue
    case .right:
        nextSwitchInfo = (switchBarLeft.center, 0)
        switchButton.tag = SwitchDirection.left.rawValue
    return nextSwitchInfo
private func switchNextDirectionSetting(with direction: SwitchDirection) {
    switchButton.tag = direction.nextDirection()
```

重直部明

```
/// 問題動畫 (移動中配 => 下下對關 => 下上對關 => 按輔證豐色)
private func switchAnimation(with direction: SwitchDirection, and switchInfo: SwitchInfo) {

UTView.animate(withDuration: 0.3, animations: {

    self.switchView.center = switchInfo.center
    (self.upStackView.center, self.downStackView.center) = (self.downStackView.center, self.upStackView.center)
}, completion: { isCompletion in

UIVicw.animate(withDuration: 0.5, animations: {
        (self.upStackView.center, self.downStackView.center) = (self.downStackView.center, self.upStackView.center)
        self.smileImageView.transform = CGAffineTransform(rotationAngle: switchInfo.angle)
        self.switchView.backgroundColor = direction.color()
        self.view.backgroundColor = direction.viewColor()
    })
})
}
```

「專業,就是讓複雜的事物變簡單。」

- William Weng -