

CALayers

Part 1: Getting Started



Our Goal



Layer Basics

- ⚙ Every view has a layer

```
self.layer  
bookImageView.layer
```

- ⚙ Layers have properties

```
bookImageView.layer.borderColor = UIColor.blackColor().CGColor  
bookImageView.layer.borderWidth = 1.0
```

- ⚙ Layer properties can be animated

Layer Basics

- ⚙ Many subclasses of **CALayer**
- ⚙ Default layer class is **CALayer**, but you can change

```
override class func layerClass() -> AnyClass {  
    return CShapeLayer.self  
}
```

- ⚙ Layers can have sublayers



CALayer Properties

- ⚙ **Rounded corners:** cornerRadius
- ⚙ **Borders:** borderWidth, borderColor
- ⚙ **Shadows:** shadowOpacity, shadowRadius, shadowOffset, shadowColor, shadowPath
- ⚙ **Mask:** mask, masksToBounds (*)
- ⚙ **Contents:** contents, contentsGravity
- ⚙ **And more...**



Demo

- ⚙ Corner radius on buttons
- ⚙ Border color/width on book detail
- ⚙ Shadow on profile page books

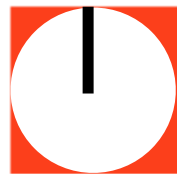


Demo Illustration



FOLLOW

`cornerRadius = 10`



FOLLOW

`cornerRadius = height / 2`

Challenge Time!

