

あなたの知らないUIKitの世界



id:cockscomb

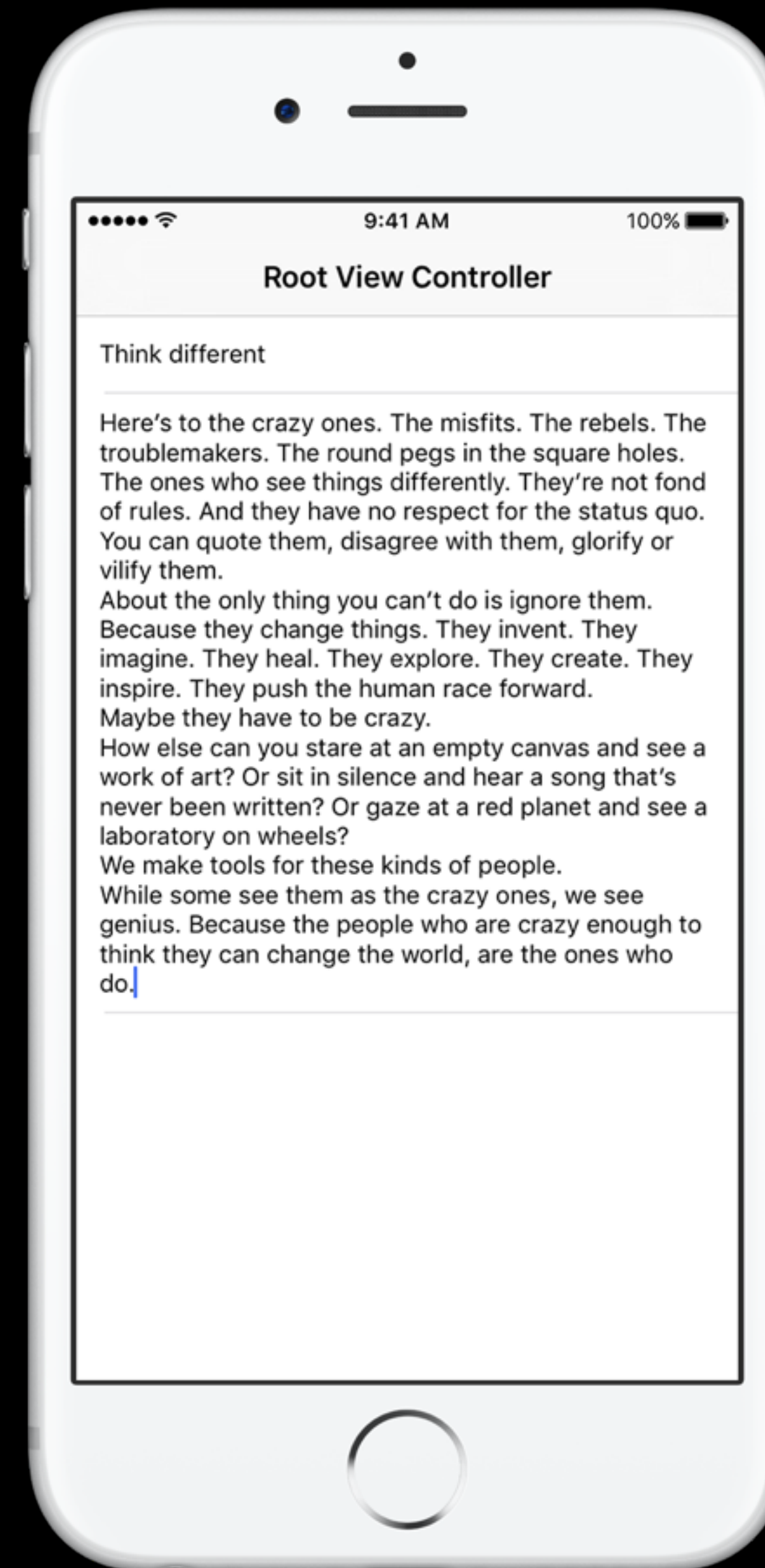
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何らかの自己紹介

UITableViewに  
UITextViewを置きたい

UITextViewで文字を入力

UITableViewで複数の入力欄



# UITextViewとAuto Layout

```
let textView = UITextView()  
textView.text = "Think different"  
  
textView.intrinsicContentSize() // {w -1 h -1}
```

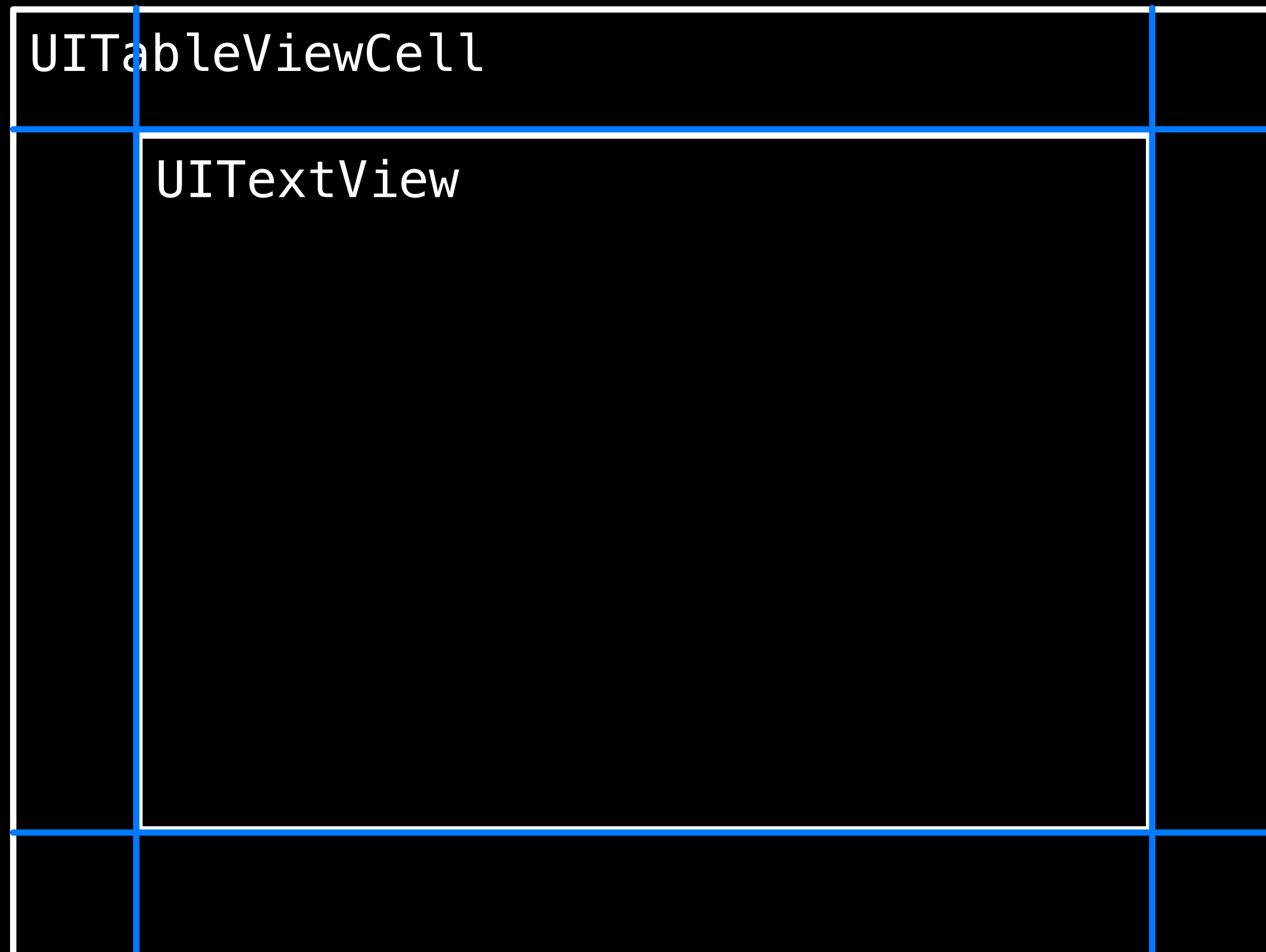
```
let textView = UITextView()  
textView.text = "Think different"  
  
textView.intrinsicContentSize() // {w -1 h -1}  
  
textView.scrollEnabled = false  
  
textView.intrinsicContentSize() // {w 86 h 30}
```

# UITableViewとAuto Layout

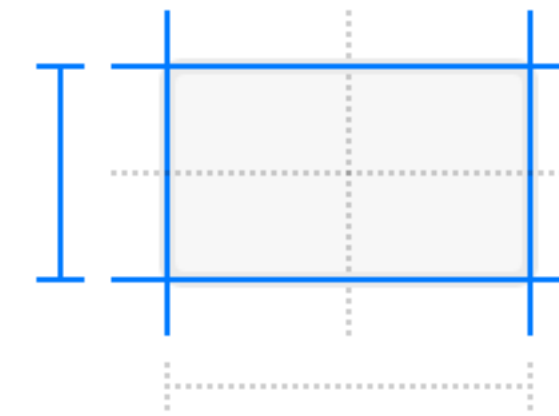


UITableViewCell

UITextView



### Constraints



All

This Size Class



Trailing Space to: Superview

Edit



Leading Space to: Superview

Edit



Bottom Space to: Superview

Edit



Top Space to: Superview

Edit



Height  $\geq$  200

Edit

Showing 5 of 5

```
override func tableView(tableView: UITableView,  
    estimatedHeightForRowAtIndexPath indexPath: NSIndexPath)  
    -> CGFloat {  
    return 200  
}
```

```
override func tableView(tableView: UITableView,  
    heightForRowAtIndexPath indexPath: NSIndexPath)  
    -> CGFloat {  
    return UITableViewAutomaticDimension  
}
```

UITableViewCellの高さ

# UITableView.beginUpdates()

## Discussion

Call this method if you want subsequent insertions, deletion, and selection operations (for example, `cellForRowAtIndexPath:` and `indexPathsForVisibleRows`) to be animated simultaneously. You can also use this method followed by the `endUpdates` method to animate the change in the row heights without reloading the cell. This group of methods must conclude with an invocation of `endUpdates`. These method pairs can be nested. If you do not make the insertion, deletion, and selection calls inside this block, table attributes such as row count might become invalid. You should not call `reloadData` within the group; if you call this method within the group, you must perform any animations yourself.

# UITableView.beginUpdates()

## Discussion

Call this method if you want subsequent insertions, deletion, and selection operations (for example, `cellForRowAtIndexPath:` and `indexPathsForVisibleRows`) to be animated simultaneously. You can also use this method followed by the `endUpdates` method to animate the change in the row heights without reloading the cell. This group of methods must conclude with an invocation of `endUpdates`. These method pairs can be nested. If you do not make the insertion, deletion, and selection calls inside this block, table attributes such as row count might become invalid. You should not call `reloadData` within the group; if you call this method within the group, you must perform any animations yourself.

```
extension ViewController: UITextViewDelegate {  
    func textViewDidChange(textView: UITextView) {  
        UIView.performWithoutAnimation {  
            self.tableView.beginUpdates()  
            self.tableView.endUpdates()  
        }  
    }  
}
```

# あなたの知らないUIKitの世界

- ・ UITextViewのスクロールとintrinsic content size
- ・ UITableViewのAuto Layout
- ・ UITableViewにcellの高さを再計算させる方法