

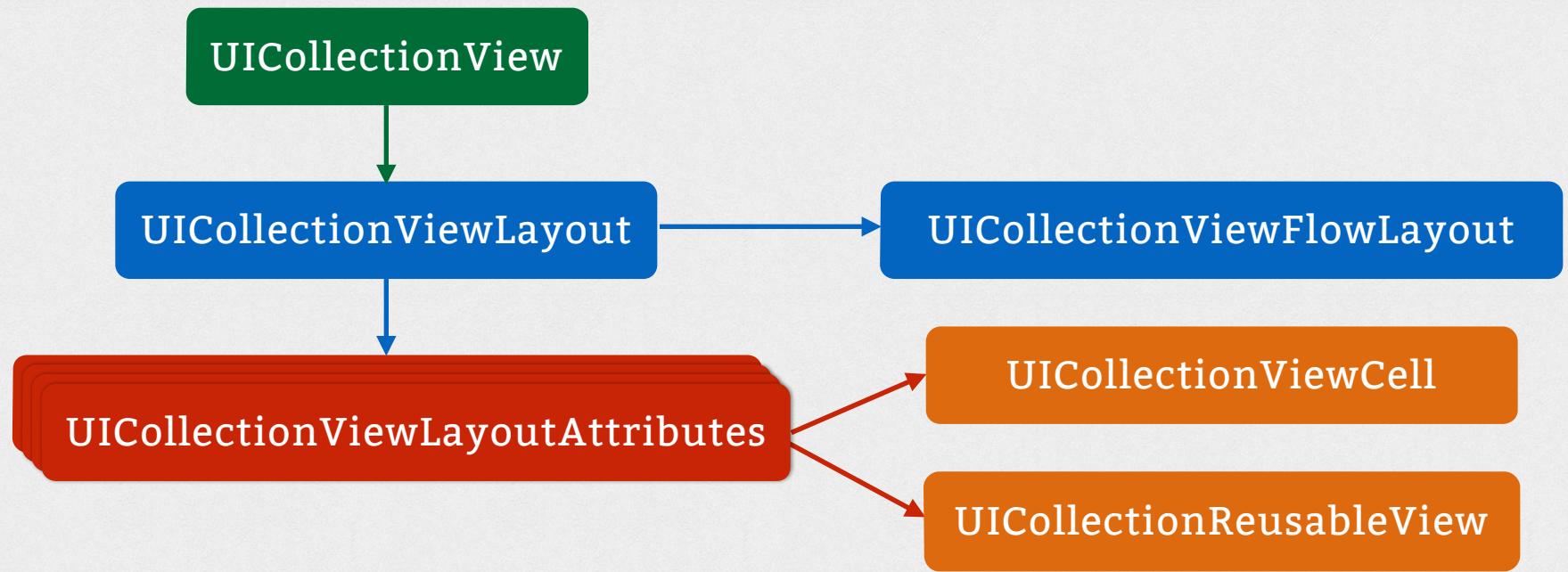
Custom Collection View Layouts

Introduction



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Architecture



Key Methods

```
override func collectionViewContentSize() -> CGSize
```

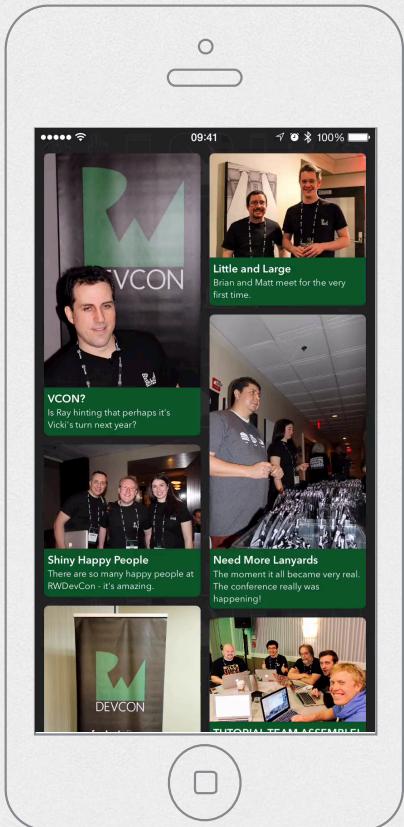
```
override func prepareLayout()
```

```
override func layoutAttributesForElementsInRect(rect: CGRect) -> [AnyObject]?
```





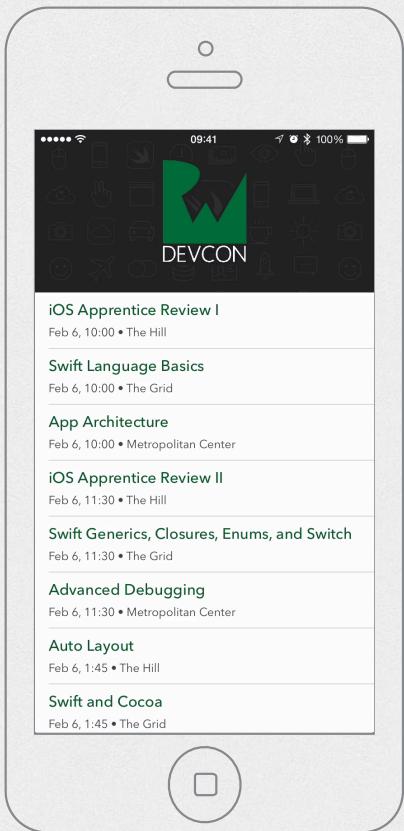
Parts 1-3: Pinterest



- ⚙️ Subclass UICollectionViewLayout
- ⚙️ Dynamically Sized Cells
- ⚙️ Cache Layout Attributes
- ⚙️ Custom Cell Padding & Insets
- ⚙️ Custom Layout Attributes



Parts 4-6: DIY



- ⚙️ Subclass UICollectionViewFlowLayout
- ⚙️ Manipulate Supplementary Views
- ⚙️ Custom Layout Attributes
- ⚙️ Auto Layout

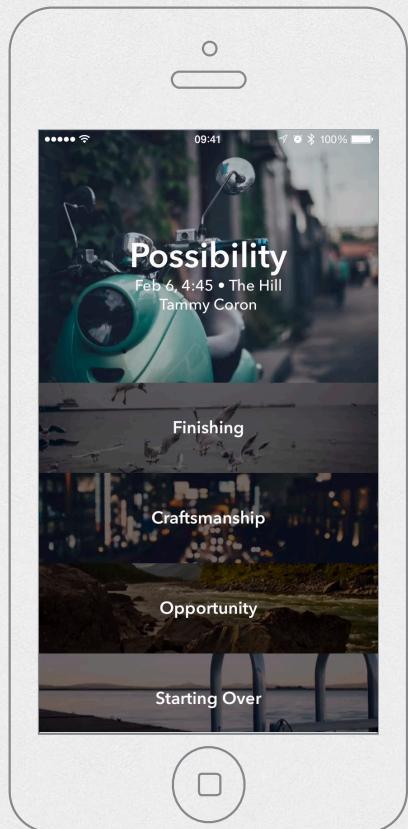
Part 7: Sticky Headers



- ⚙️ Subclass UICollectionViewFlowLayout
- ⚙️ Familiar UITableView Behaviour
- ⚙️ Self-contained Layout
- ⚙️ Override Two Methods



Parts 8-10: Ultravisual



- ⚙️ Subclass UICollectionViewLayout
- ⚙️ Interactive Layout
- ⚙️ Manipulate Target Content Offset
- ⚙️ Update Interface Elements





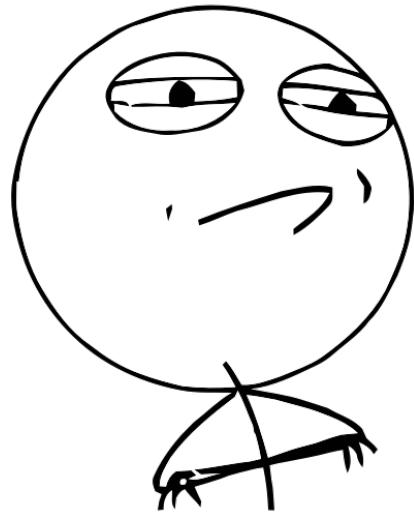
Parts 11-13: Timbre



- ⚙️ Subclass UICollectionViewFlowLayout
- ⚙️ Manipulate Cell Transform
- ⚙️ Parallax Effect
- ⚙️ Auto Layout
- ⚙️ View Clipping

Challenge Time!

CHALLENGE ACCEPTED



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