


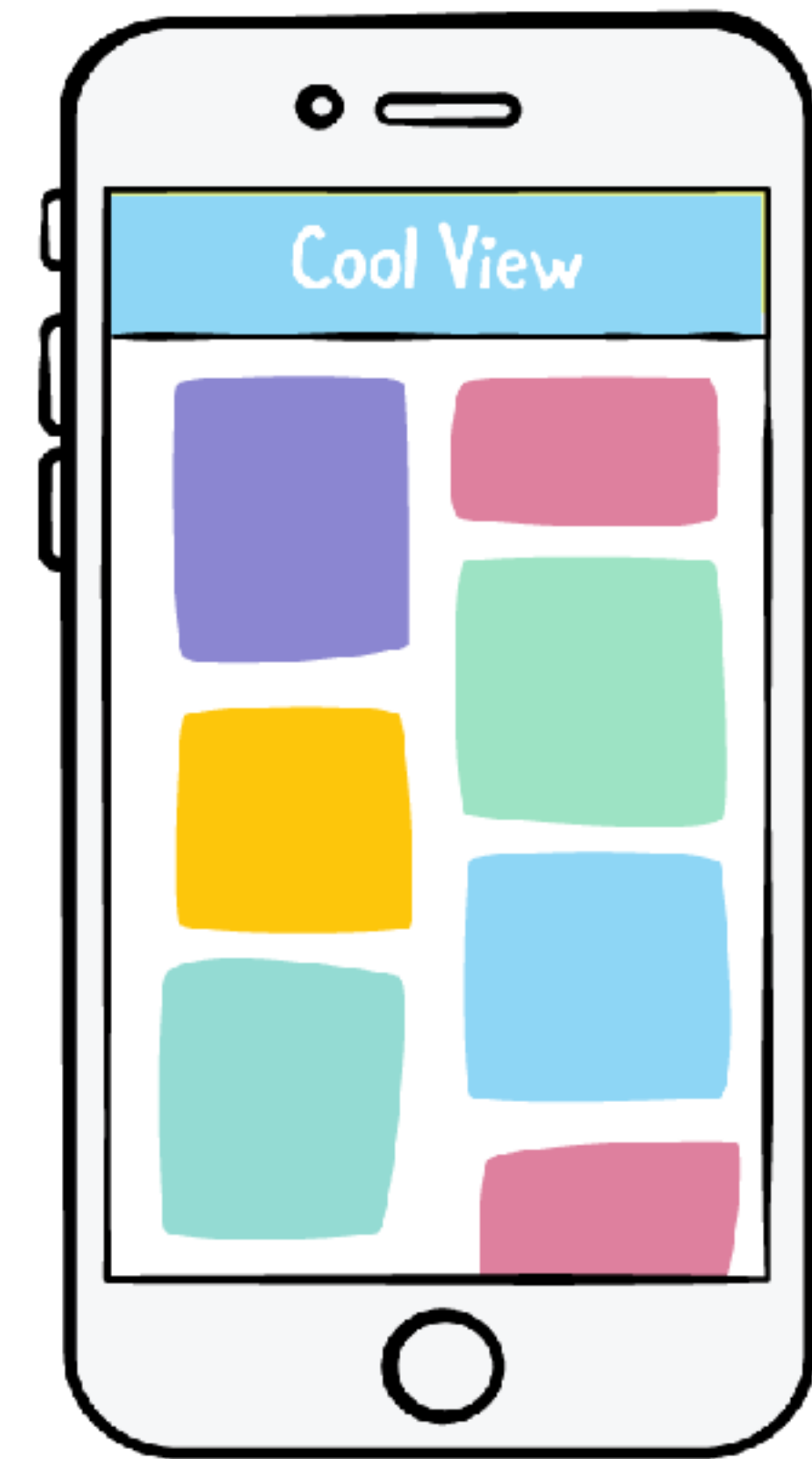


CUSTOM   
COLLECTION  
 VIEW  
LAYOUT 



PART 2: FLOW LAYOUT BASICS



Red Fire Ant



Obstructed Bear



Zombie Food



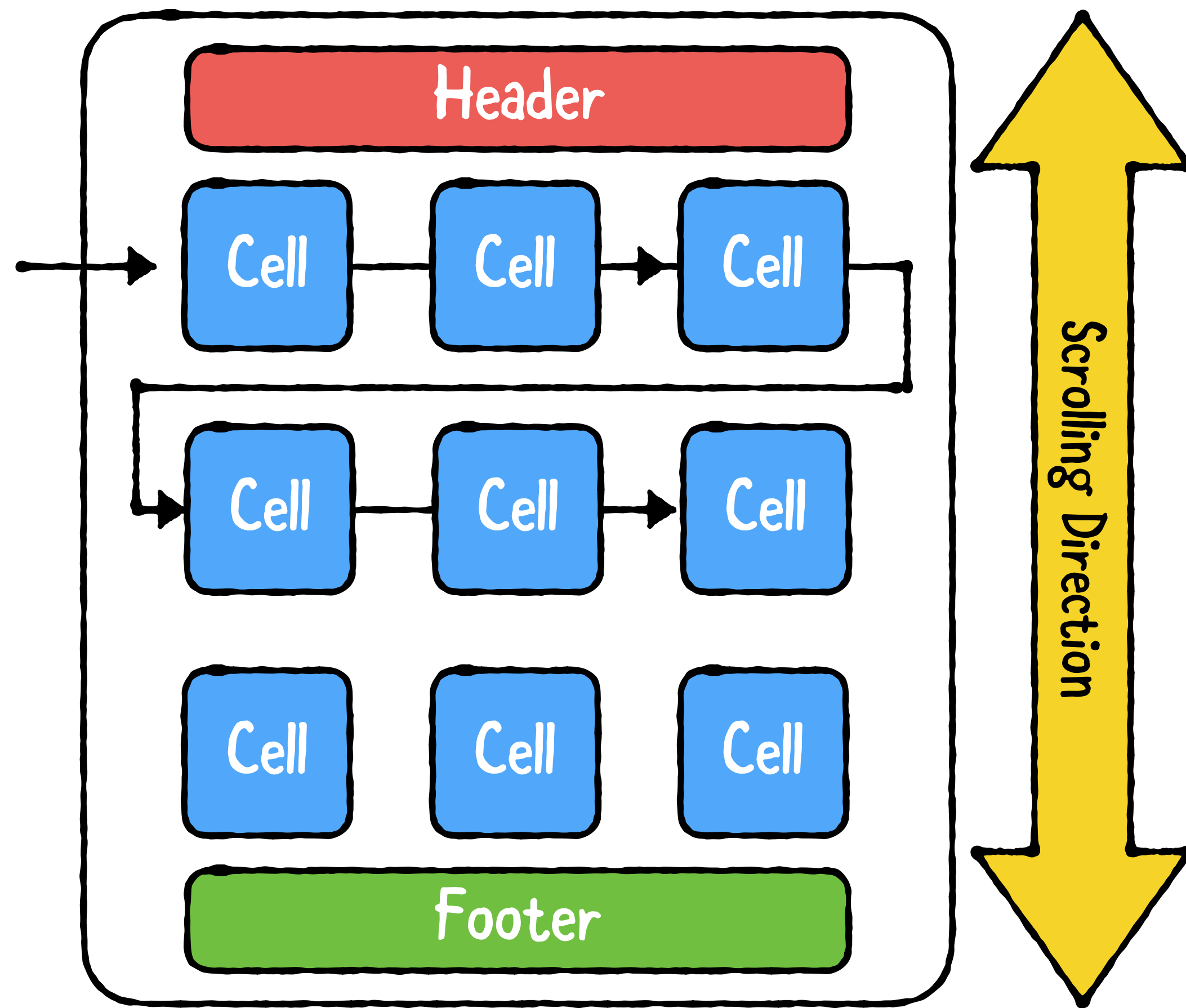
Sleepy Cat



Daydreaming Crocodile

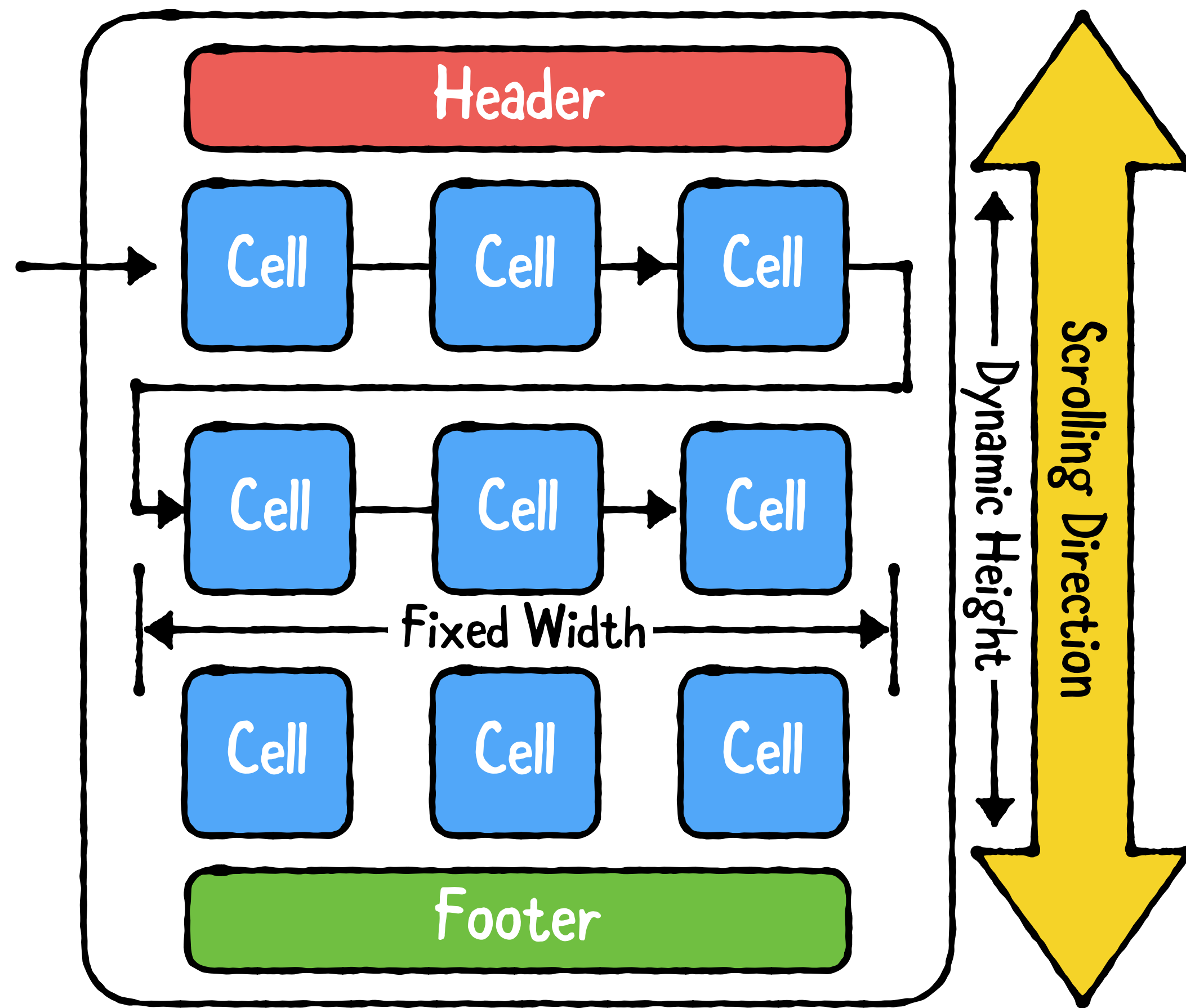
# HOW UICollectionViewFlowLayout WORKS

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- ▶ Default layout object
- ▶ Grid pattern
- ▶ Vertical or horizontal scrolling
- ▶ Varying cell sizes
- ▶ Optional headers and footers

# HOW UICollectionViewFlowLayout WORKS



- Fixed distance + scrollable distance
- Set item size, spacing, headers and footers
- Dynamically configure with delegate



# UICollectionViewDelegateFlowLayout

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- ▶ Defines the size of items and the spacing between items in the grid
- ▶ Methods in this protocol are optional

```
func collectionView(_:layout:sizeForItemAt:) -> CGSize
```

```
func collectionView(_:layout:insetForSectionAt:) -> UIEdgeInsets
```

```
func collectionView(_:layout:minimumLineSpacingForSectionAt:) -> CGFloat
```

```
func collectionView(_:layout:minimumInteritemSpacingForSectionAt:) -> CGFloat
```

# XCODE DEMO

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# CUSTOM COLLECTION VIEW LAYOUTS

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