

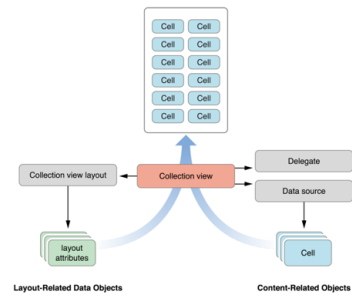
UICollectionView

선언

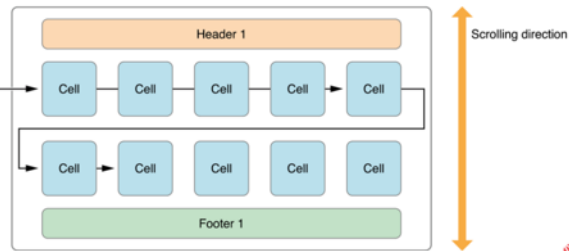
UIScrollView 를 상속받고 있네?
UITableView 도 UIScrollView 상속받음

```
class UICollectionView : UIScrollView
```

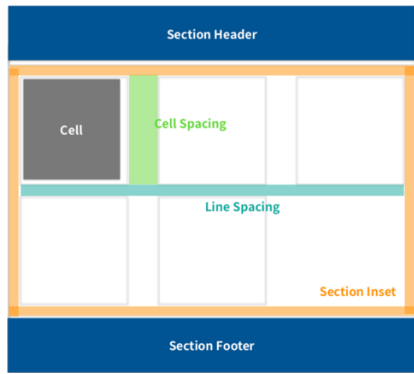
Layout 과 Content를 나눈다



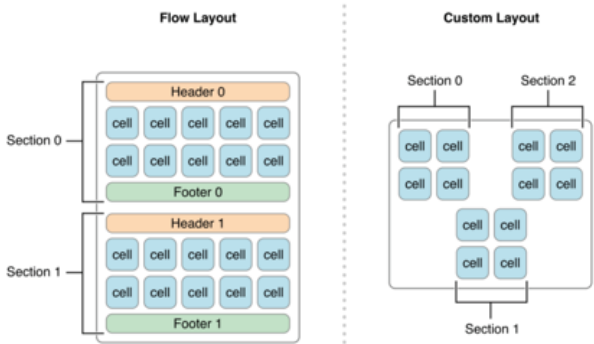
Flow Layout



Section Layout



Layout

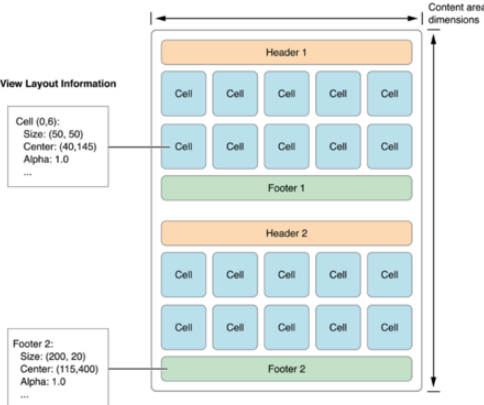


Item 들 개별적으로 layout 잡을 수 있게 한다

UICollectionViewDelegateFlowLayout 프로토콜이란 게 있습니다.

오타 Cell(0.6) -> Cell(0.5)

Layout Metrics



Cell 계층

Custom View

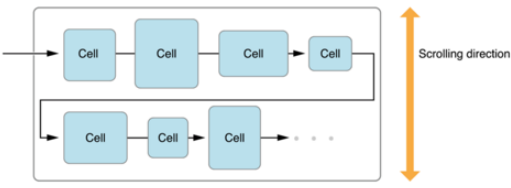
Content View

Selected Background View

Background View

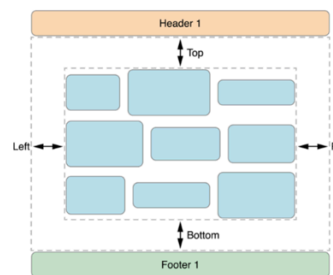
UICollectionViewDelegate 를 상속받은 아이라서 UICollectionViewDelegate를 채택할 필요가 없어진다

Item Size



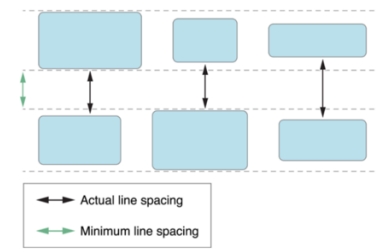
```
func collectionView(
    _ collectionView: UICollectionView,
    layout collectionViewLayout: UICollectionViewLayout,
    sizeForItemAt indexPath: IndexPath
) -> CGSize
```

Section Inset



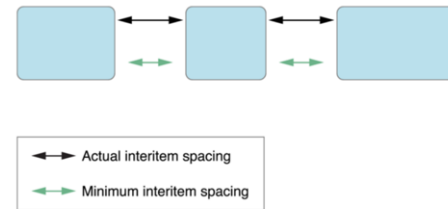
```
func collectionView(
    _ collectionView: UICollectionView,
    layout collectionViewLayout: UICollectionViewLayout,
    insetForSectionAt section: Int
) -> UIEdgeInsets
```

Line Spacing



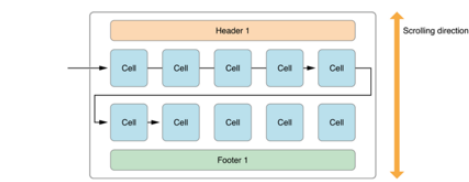
```
func collectionView(
    _ collectionView: UICollectionView,
    layout collectionViewLayout: UICollectionViewLayout,
    minimumLineSpacingForSectionAt section: Int
) -> CGFloat
```

Interitem spacing



```
func collectionView(
    _ collectionView: UICollectionView,
    layout collectionViewLayout: UICollectionViewLayout,
    minimumInteritemSpacingForSectionAt section: Int
) -> CGFloat
```

Header / Footer Size



```
func collectionView(
    _ collectionView: UICollectionView,
    layout collectionViewLayout: UICollectionViewLayout,
    referenceSizeForHeaderInSection section: Int
) -> CGSize

func collectionView(
    _ collectionView: UICollectionView,
    layout collectionViewLayout: UICollectionViewLayout,
    referenceSizeForFooterInSection section: Int
) -> CGSize
```