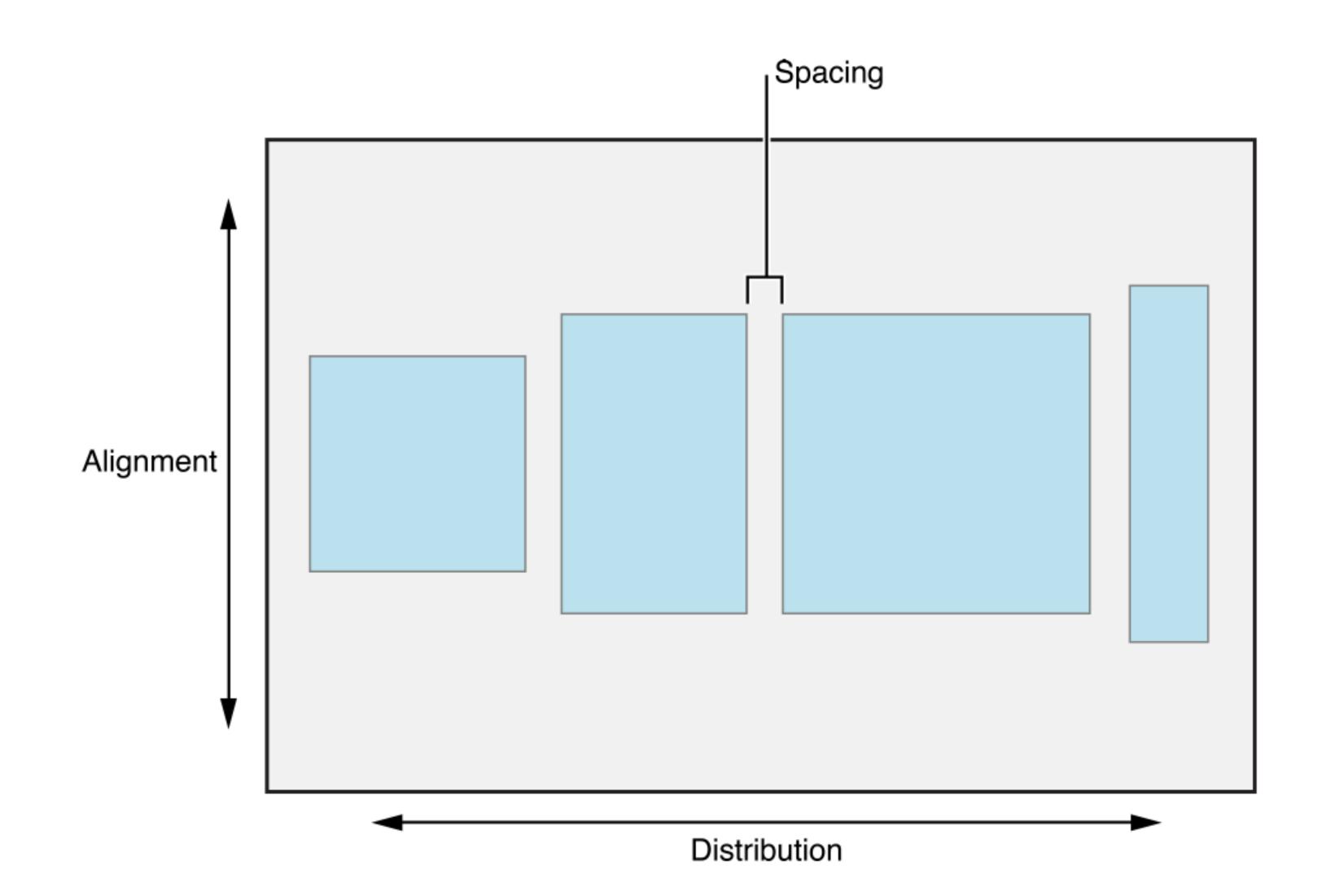
# UIStackView

#### **UIStackView**

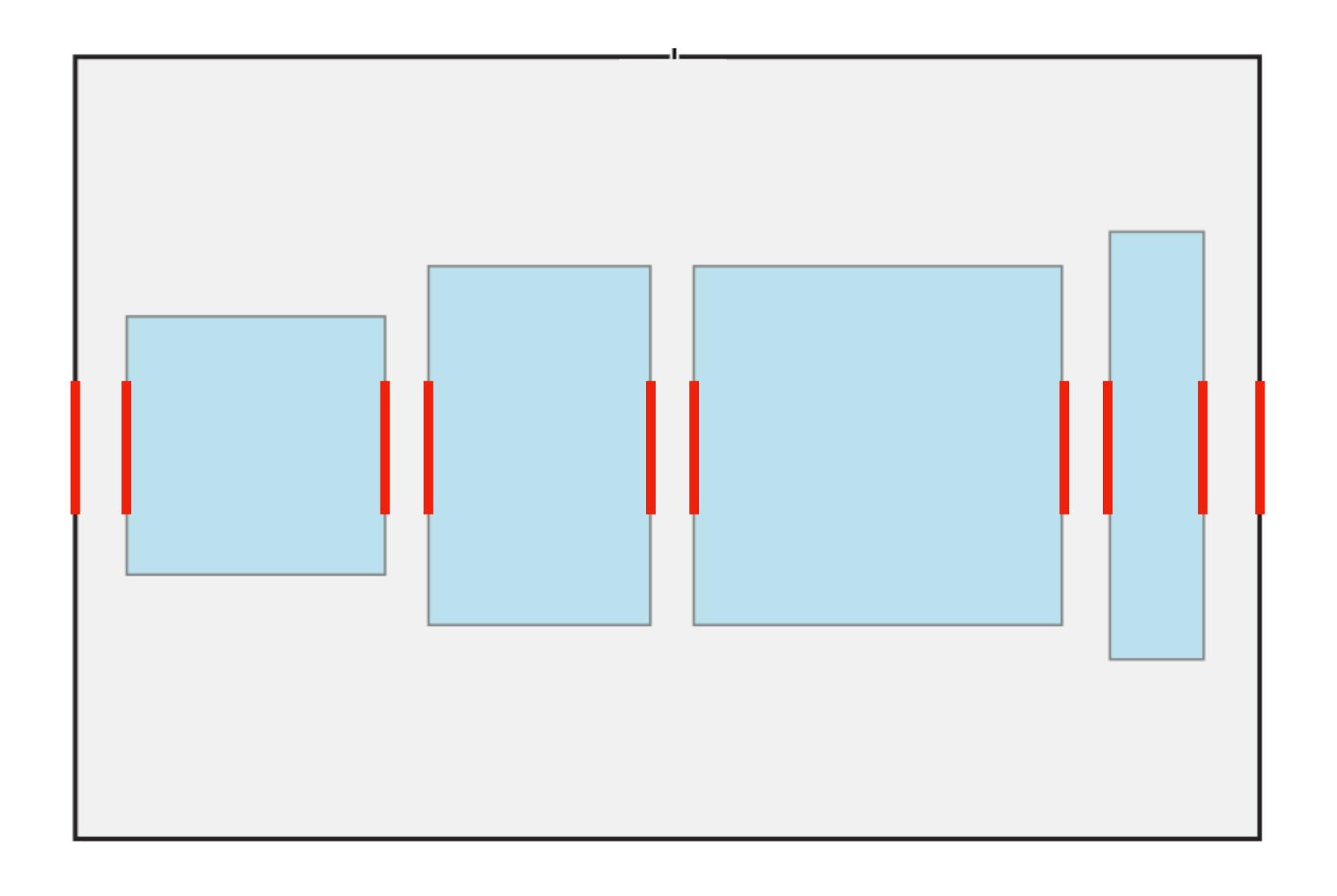
행이나 열로 이루어진 뷰의 집합을 쉽게 배치할 수 있도록 제공되는 컨테이너뷰 여러 개의 뷰에 대한 오토레이아웃 제약조건을 각각 다루기보다 하나의 뷰로 합쳐서 관리 arrangedSubviews 프로퍼티를 통해 서브뷰들을 관리 레이아웃은 축(axis), 분배(distribution), 정렬(alignment), 간격(spacing) 등의 요소에 의해 결정

## Axis / Alignment / Distribution / Spacing

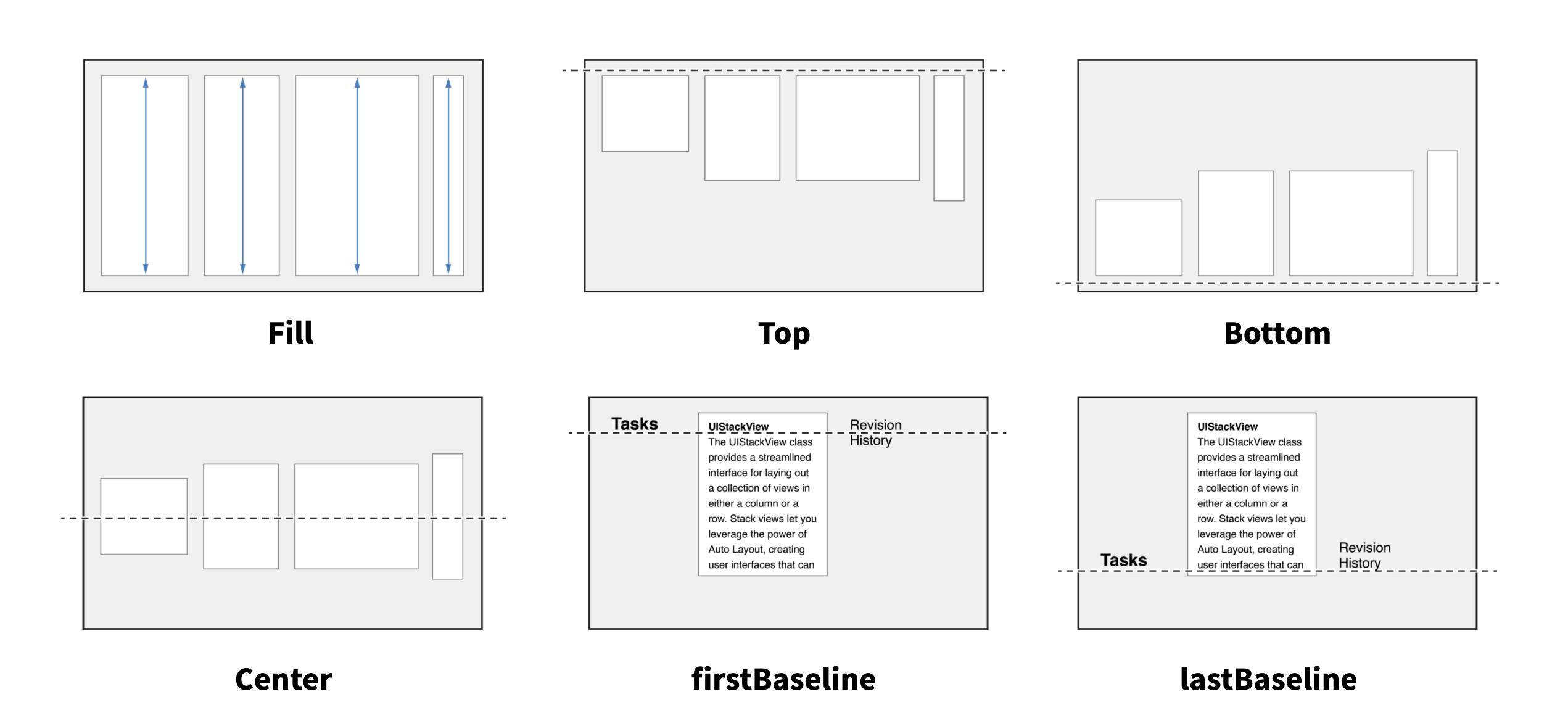
Horizontal 기준. (Vertical 일 경우 Alignment와 Distribution의 위치 반대)



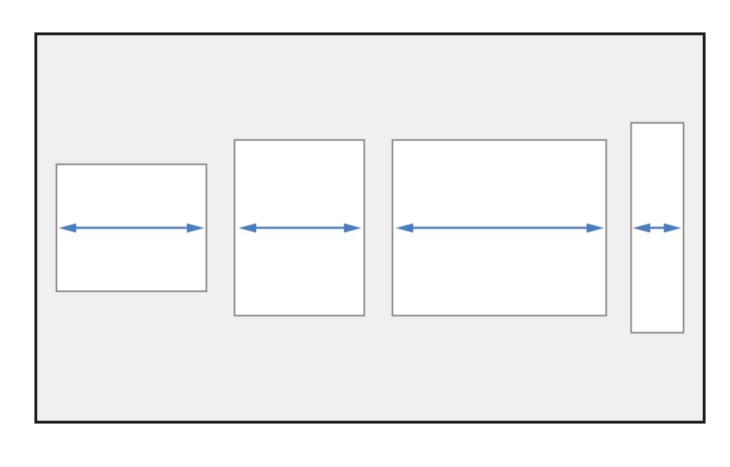
# Pin edges



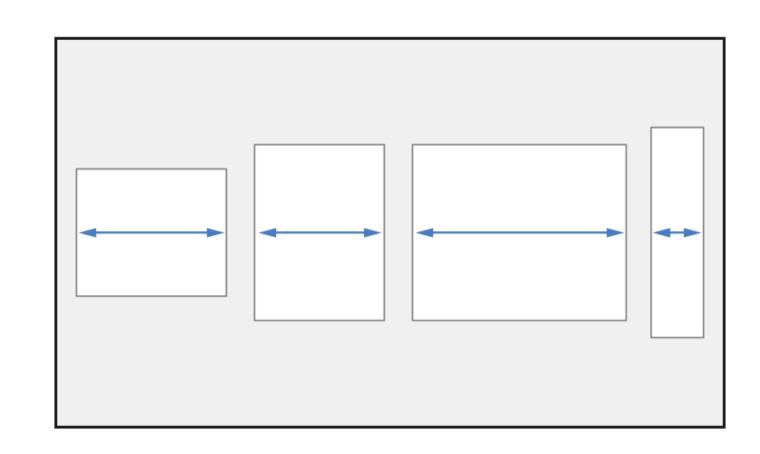
### Alignment - Horizontal StackView



#### Distribution - Horizontal StackView

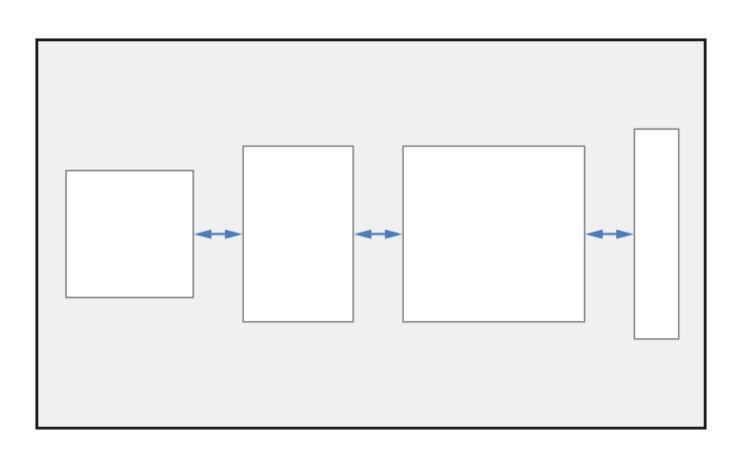


**FillEqually** 



Fill

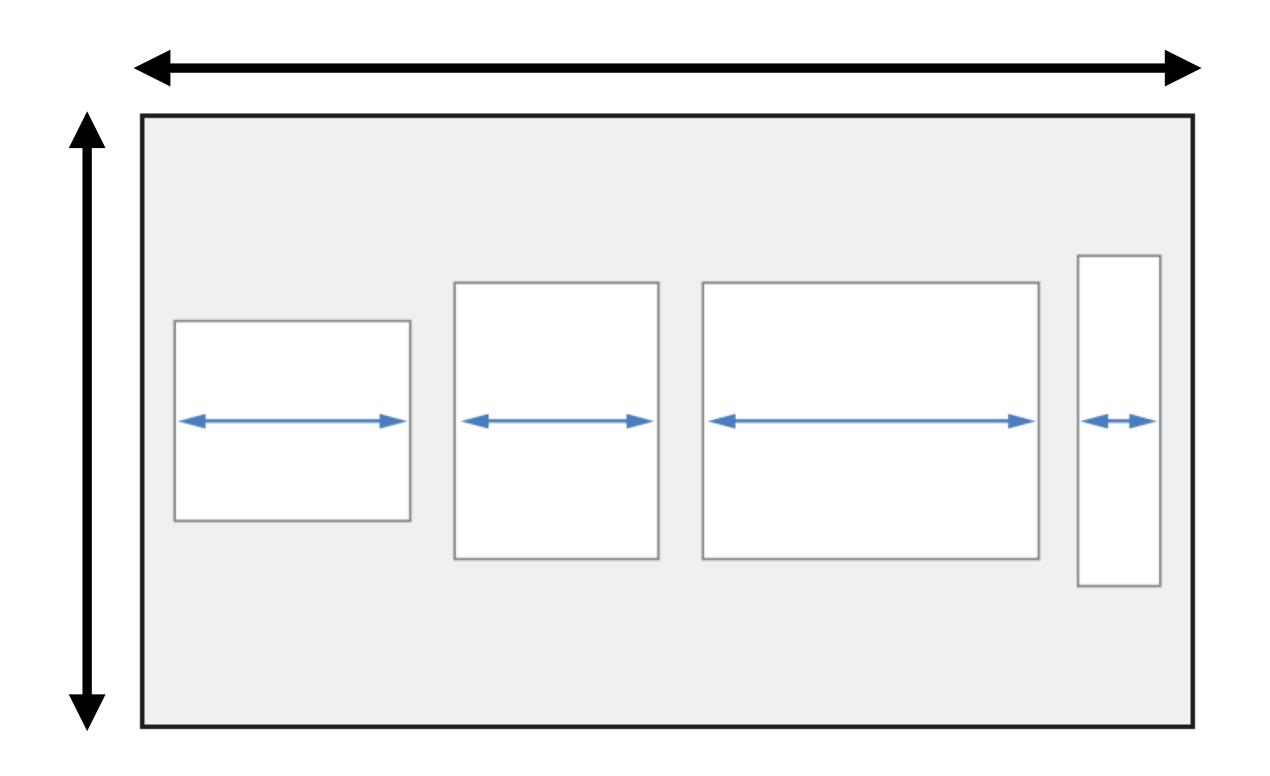
**EqualCentering** 



**EqualSpacing** 

fillProportionally

#### StackView Size = Contents Size



StackView's axis	Subview size + Spacing
Perpendicular to the StackView's axis	Largest arranged view size

## Programmatically

구분	UlView	UIStackView
추가	addSubview:	addArrangedSubview:
삽입	insertSubview:atIndex:	insertArrangedSubview:at:
제거	removeFromSuperview	removeArrangedSubview:
서브뷰 접근	subviews	arrangedSubviews

#### Programmatically

```
let stackView = UIStackView()
stackView.axis = .vertical
stackView.distribution = .fillEqually
stackView.alignment = .fill
stackView.spacing = 8
view addSubview(stackView)
stackView.translatesAutoresizingMaskIntoConstraints = false
stackView.centerXAnchor.constraint(equalTo: view.centerXAnchor).isActive = true
stackView.centerYAnchor.constraint(equalTo: view.centerYAnchor).isActive = true
let someLabel = UILabel()
someLabel.text = "someLabel"
stackView.addArrangedSubview(someLabel)
```