

구범모

스토리보드 없이 UI 만들기

스토리보드 없이 UI 만들기

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용어

스토리보드

XIB

인터페이스 빌더

코드 vs 인터페이스 빌더

왜 인터페이스 빌더를 선택하지 말아야하는가?

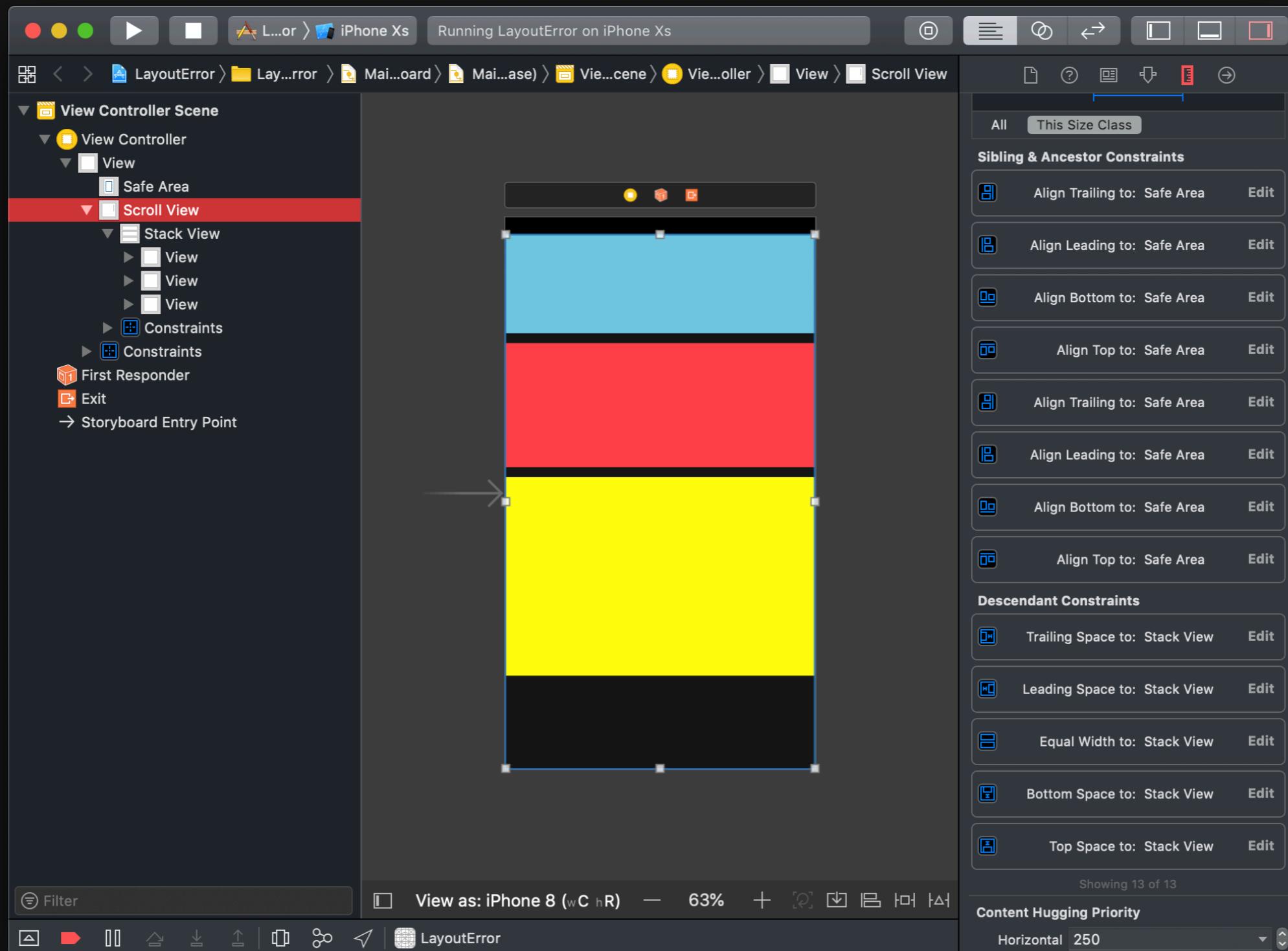
왜 코드를
선택해야 하는가?

왜 코드를 선택하지 말아야 하는가?

오토레이아웃 팁과 도구

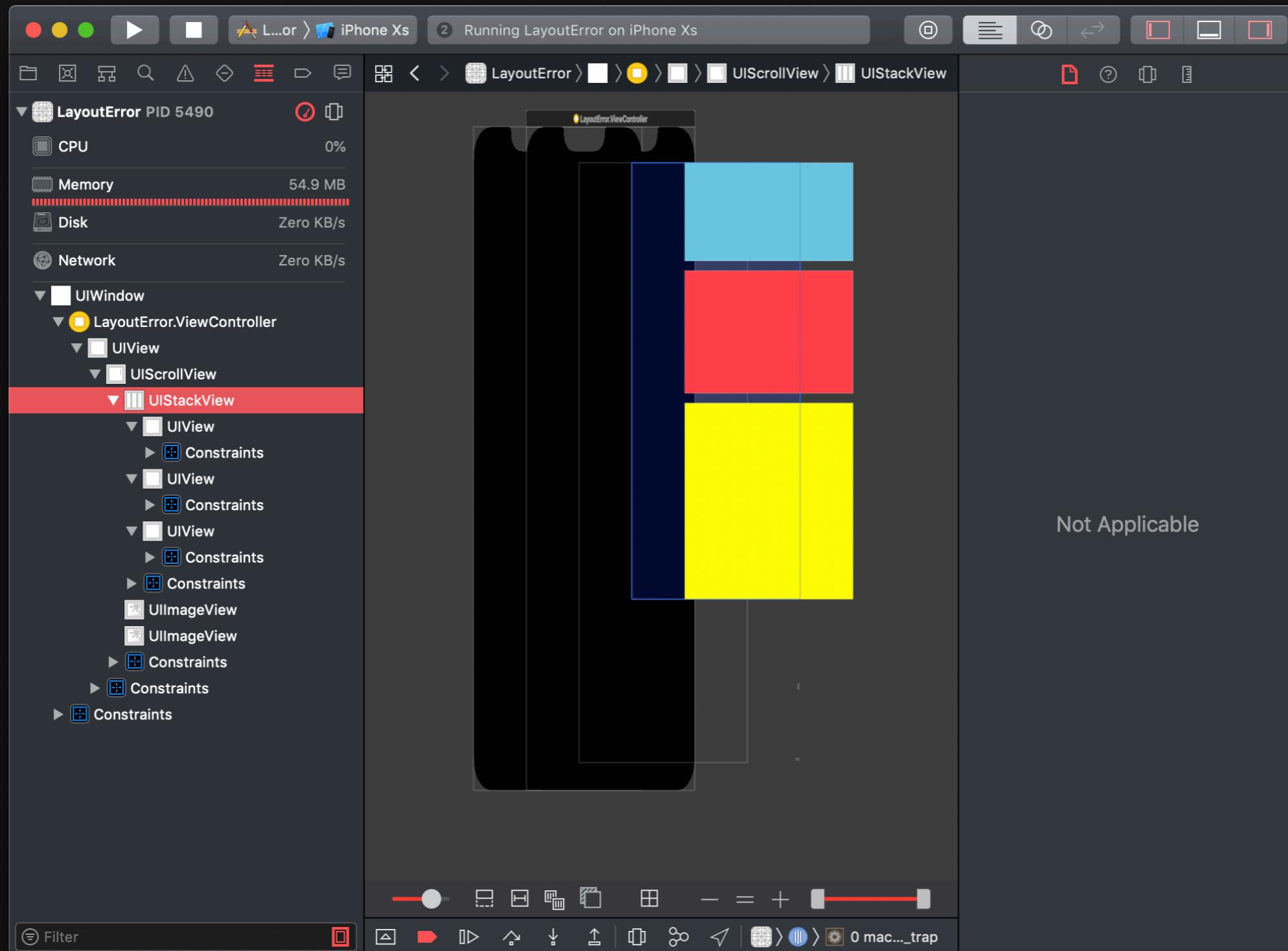
오토레이아웃 티파니

UIStackView



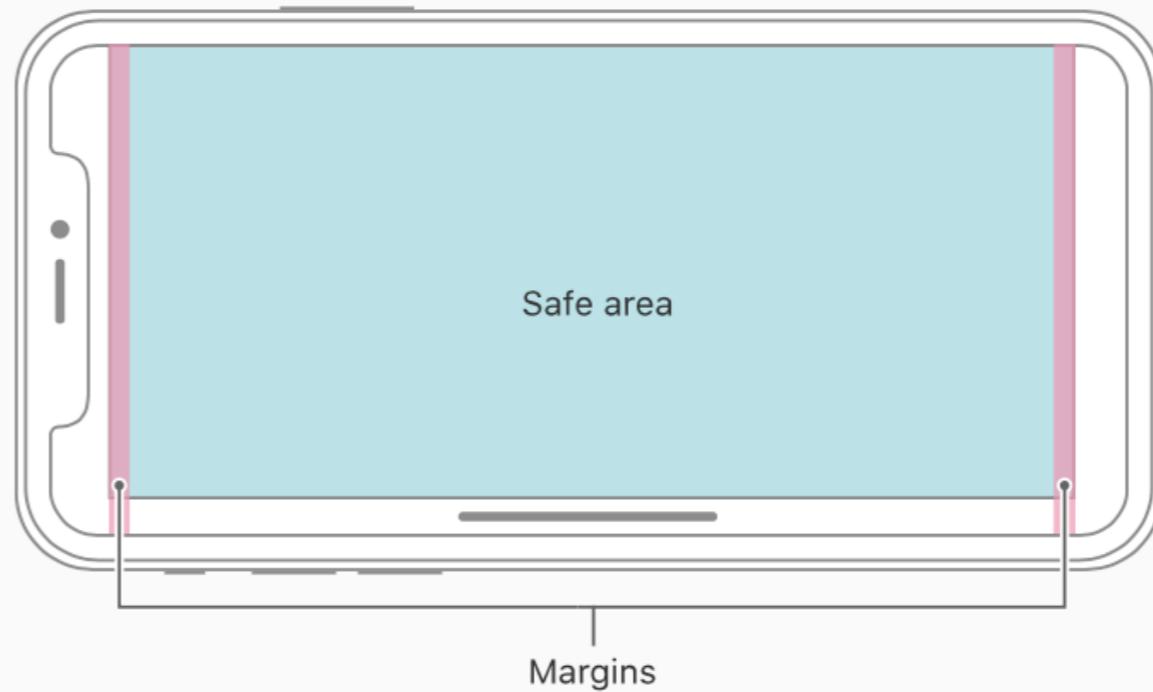
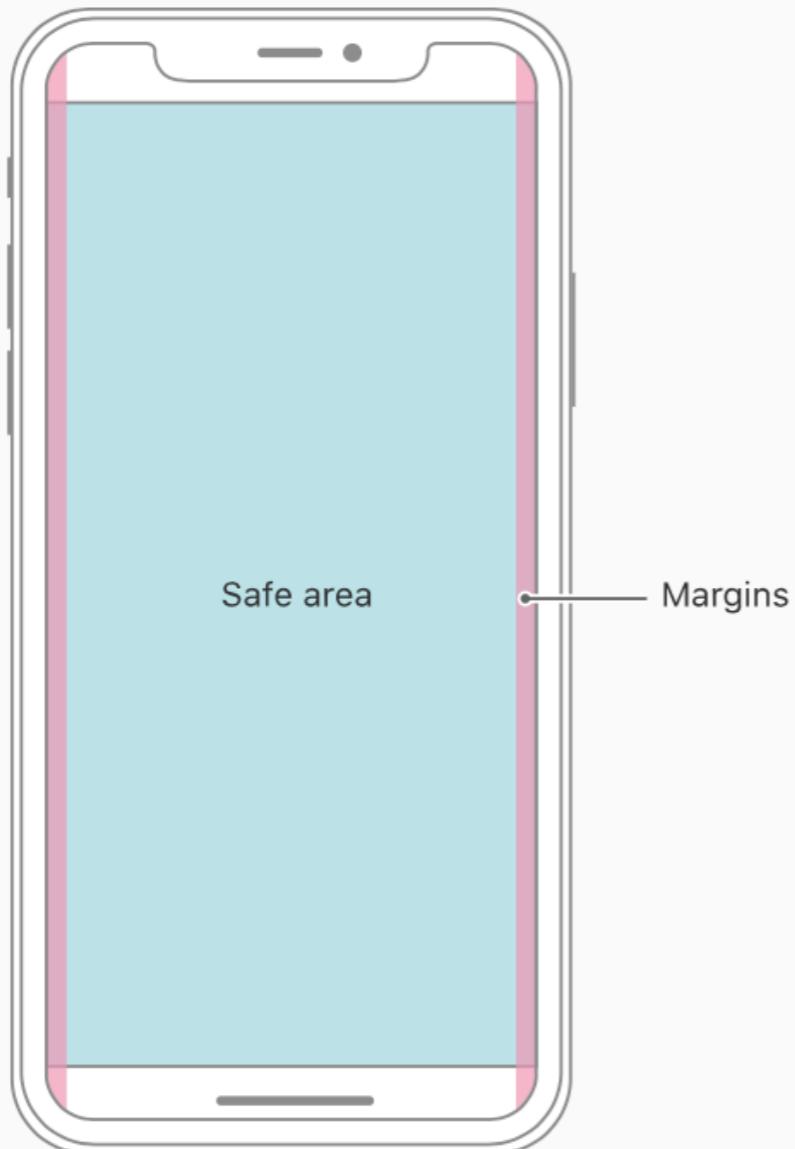
오토레이아웃 티파니

UIStackView



오토레이아웃 팁과 도구

UILayoutGuide



Named Views

```
-----  
Probably at least one of the constraints in the following list is one you don't want.
```

```
Try this:
```

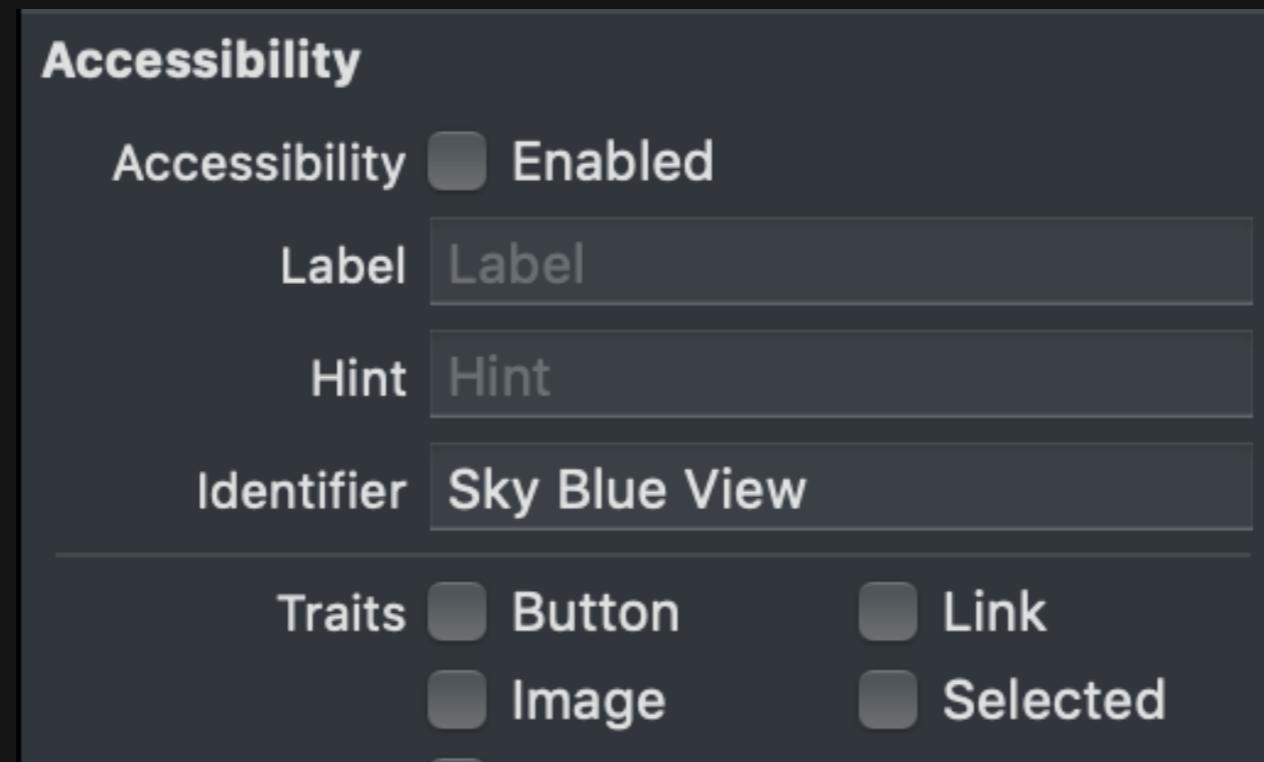
- (1) look at each constraint and try to figure out which you don't expect;
- (2) find the code that added the unwanted constraint or constraints and fix it.

```
(  
    "  
        <NSLayoutConstraint:0x6000013359a0 UIView:0x7f8951d1a5d0.height == 120   (active)>",  
        "  
        <NSLayoutConstraint:0x600001337480 UIView:0x7f8951d1a5d0.height == 80    (active)>"  
)
```

```
Will attempt to recover by breaking constraint
```

```
<NSLayoutConstraint:0x6000013359a0 UIView:0x7f8951d1a5d0.height == 120   (active)>
```

Named Views



Named Views

Probably at least one of the constraints in the following list is one you don't want.

Try this:

- (1) look at each constraint and try to figure out which you don't expect;
- (2) find the code that added the unwanted constraint or constraints and fix it.

```
(  
    "<NSLayoutConstraint:0x6000007f0050 Sky Blue View.height == 120  (active, names: Sky Blue View:0x7ff2bae21ee0 )>",  
    "<NSLayoutConstraint:0x6000007f00f0 Sky Blue View.height == 80  (active, names: Sky Blue View:0x7ff2bae21ee0 )>"  
)
```

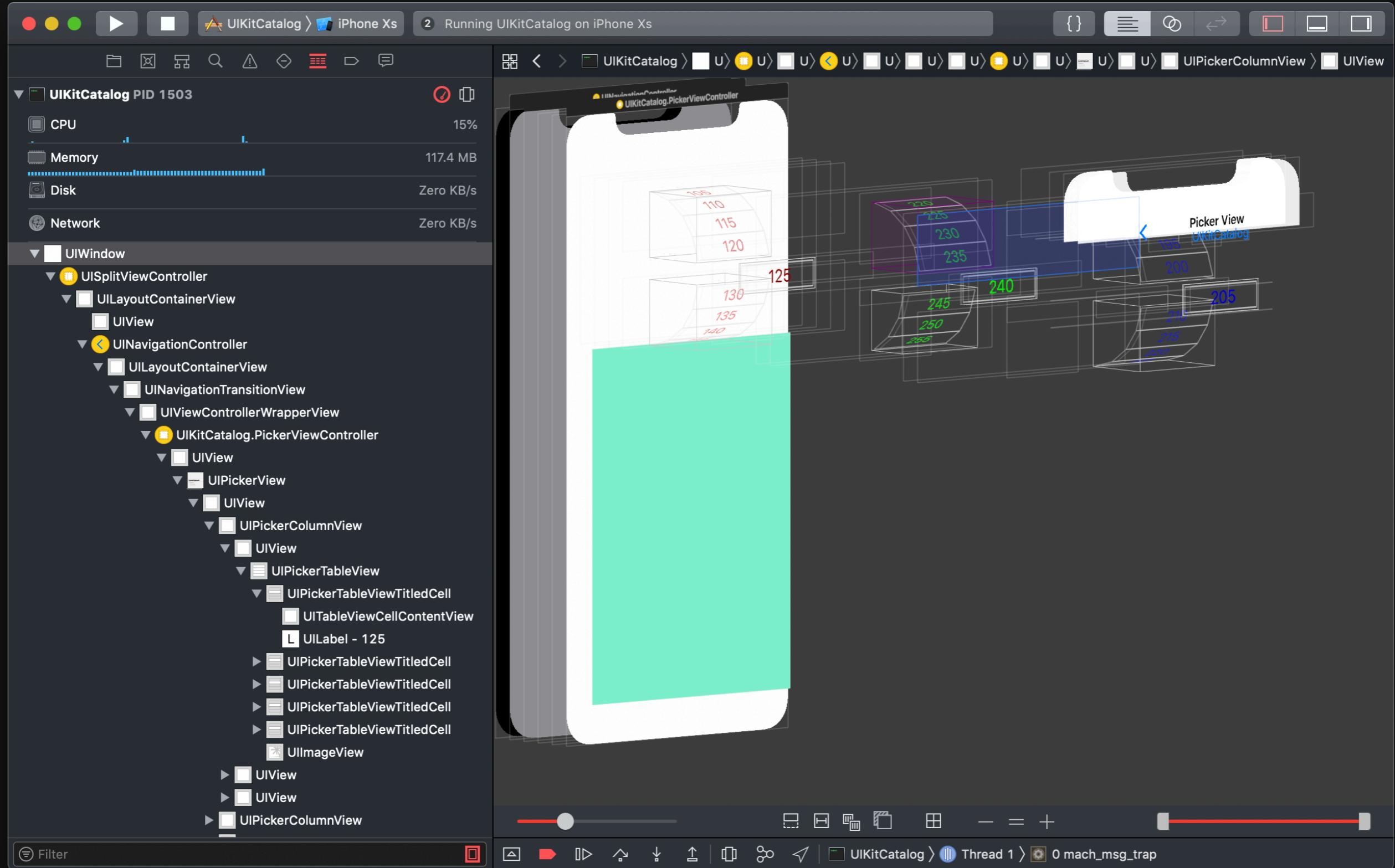
Will attempt to recover by breaking constraint

```
<NSLayoutConstraint:0x6000007f0050 Sky Blue View.height == 120  (active, names: Sky Blue View:0x7ff2bae21ee0 )>
```

오토레이아웃 팀과 도구

유용한 도구

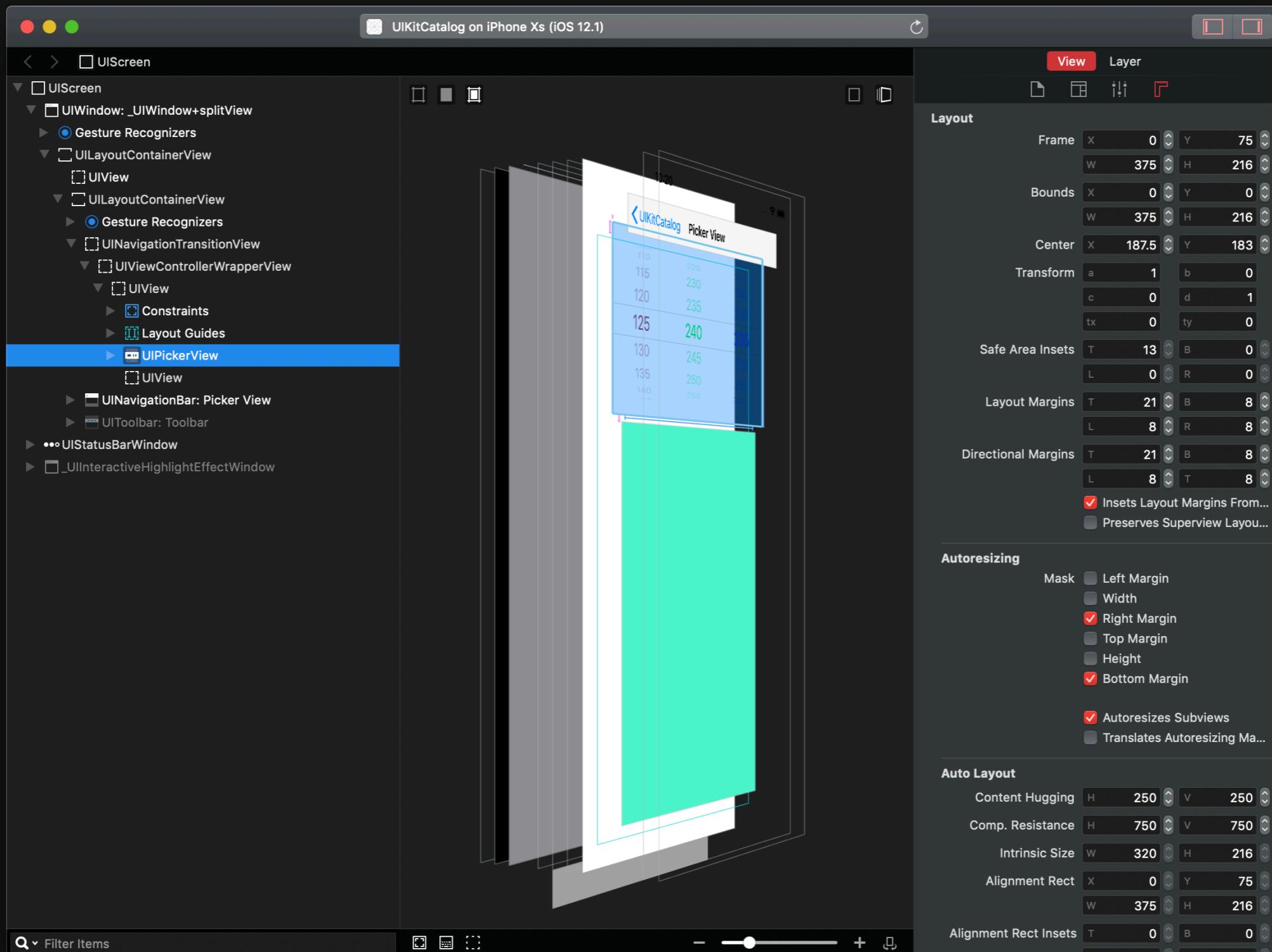
Xcode Visual Debugger



오토레이아웃 팀과 도구

유용한 도구

Reveal



오토레이아웃 팁과 도구

유용한 도구

wtfautolayout.com

The screenshot shows a web browser window with the address bar displaying '안전하지 않음 — www.wtfautolayout.com'. The page itself has a dark background with white text. At the top, there are 'Home' and 'About' navigation links. Below them is a large speech bubble icon containing the letters 'WTF?' followed by the text 'Why The Failure, Auto Layout?'. A text input field is labeled 'Paste your constraint error log here:' and contains the following Swift code:

```
(  
    <NSLayoutConstraint:0x6000001f4550 'UIView-bottom-readableContentGuide-constraint' UILayoutGuide:0x600001bc9ce0'U  
    <NSLayoutConstraint:0x6000001f4410 'UIView-bottomMargin-guide-constraint' V:[UILayoutGuide:0x600001bc9ce0'U  
    <NSLayoutConstraint:0x6000001819a0 'UIView-Encapsulated-Layout-Height' kuStudy.SummaryHeaderView:0x7ff85c52  
    <NSLayoutConstraint:0x6000001f44b0 'UIView-top-readableContentGuide-constraint' UILayoutGuide:0x600001bc9c0  
    <NSLayoutConstraint:0x6000001f42d0 'UIView-topMargin-guide-constraint' V:|-(-8)-[UILayoutGuide:0x600001bc9ce  
)
```

At the bottom left is a green button labeled 'Example', and at the bottom right is a blue button labeled 'Go!'. The footer of the page includes the text 'Built using Swift, Vapor, Sparse and W3.CSS' and 'View source on GitHub' on the left, and 'johnpatrickmorgan' on the right.

오토레이아웃 팁과 도구

유용한 도구

wtfautolayout.com

The screenshot shows a web browser window with the address bar displaying "안전하지 않음 — www.wtfautolayout.com". The page has a dark theme with white text and light gray boxes. It features five examples of Auto Layout constraints:

- U == U**: `UILayoutMarginsGuide's bottom edge should equal UIViewReadableContentGuide's bottom edge.`
- S == U + 8**: `SummaryHeaderView's bottom edge should equal UILayoutMarginsGuide's bottom edge plus 8.`
- S == 0**: `SummaryHeaderView's height should equal 0.†`
- U == U**: `UIViewReadableContentGuide's top edge should equal UILayoutMarginsGuide's top edge.`
- U == S + 8**: `UILayoutMarginsGuide's top edge should equal SummaryHeaderView's top edge plus 8.`

[†] This constraint was added by a table or collection view to enforce its cell size.

[Permalink](#)

Built using Swift, Vapor, Sparse and W3.CSS

[View source on GitHub](#)

johnpatrickmorgan

마무리

Q&A

스토리보드 없이 UI 만들기

감사합니다!