NSLayoutXAxisAnchor [Horizontal]

NSLayoutXAxisAnchor

* centerXAnchor
* leadingAnchor & trailingAnchor
* leftAnchor & rightAnchor

Swift

```
myView.ce nte rXA nch or
.c on str ain t(e qualTo
: view.c ent erX Anc hor
 ).i sActive = true
```

Objective-C

```
[self.m yV iew.ce nte rX
A nchor constr ain tEq u
al ToA nch or: sel f.v i
ew.ce nte rXA nch or].ac
tive = YES;
```

Top and Bottom Layout guides

UILayoutSupport

topLayoutGuide bottomLAyoutGuide

* bottomAnchor
* topAnchor
* heightAnchor

// Swift

```
myView.to pAn cho r.c on
s tra int (eq ualTo: top
Lay out Gui de.b ot tom -
Anchor, constant: 8.0).i
 sActive = true
```

// Objective-C

```
 [self.s ta ckV iew.to p
Anchor constr ain tEq ua
l ToA nch or: sel f.t op
L ayo utG uid e.b ott om
A nchor consta nt: 8.0 ]
.a ctive = YES;
```

NSLayoutYAxisAnchor [Vertical]

NSLayoutYAxisAnchor

*centerYAnchor

*bottomAnchor & topAnchor

*firstBaselineAnchor & lastBaselineAnchor

Swift

```
myView.bo tto mAn cho r.
c ons tra int (eq ualTo:
 view.t opA nchor, const
ant: 8).isA ctive = true
```

Objective-C

```
self.m yVi ew.b ot tom A
nchor constr ain tEq ual
 ToA nch or: sel f.v iew
.to pAnchor consta nt: 8
.0 ].a ctive = YES
```

Example 2

Example to make the height of a view twice the height of another view with a multiplier:

// Swift

```
myView.he igh tAn cho r.
c ons tra int (eq ualTo:
 otherV iew.he igh tAn c
hor, multip lier: 2.0).i
 sActive = true
```

// Objective-C

```
[self.m yV iew.he igh tA
nchor constr ain tEq ual
 ToA nch or: sel f.o the
 rVi ew.h ei ght Anchor
multip lie r:2.0].active
 = YES
```

NSLayoutDimension [Size--Based Constrains]

NSLayoutDimension

*heightAnchor

*widthAnchor

// Swift

```
myView.wi dth Anc hor.co
 nst rai nt( equ alT oCo
 nstant: 50.0).i sA ctiv
e = true
```

// Objective-C

```
[self.m yV iew.wi dth An
chor constr ain tEq ual -
ToC ons tan t:5 0.0 ].a -
ctive = YES;
```

View Margins

*layoutMarginGuide & readableContentGuide

// Swift

```
let margins = view.l ayo
 utM arg ins Guide myVie
w.le adi ngA nch or.c on
 str ain t(e qualTo: mar
gin s.l ead ing Anc hor -
).i sActive = true
```

// Objective-C

```
UILayo utGuide *margins
= self.v iew.la you tMa -
rgi nsG uide; [self.m yV
 iew.le adi ngA nchor co
nstr ain tEq ual ToA nch
or: margin s.l ead ing A
nc hor ].a ctive = YES;
```


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