Cheatography

Autolayout Constrains Cheat Sheet

by alr via cheatography.com/46994/cs/13551/

NSLayoutXAxisAnchor [Horiz-ontal]

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 & lastBa-selineAnchor

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 & readab-leContentGuide

// 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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