

# Dynamic Type

Making people with glasses happy

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**Purpose**

**Support**

# Why not support Dynamic Type

- Custom Fonts
- Not using Constraints
- Supporting Font Changes is too hard
- ???

# Custom Fonts

UIFontTextStyleHeadline

UIFontTextStyleSubheadline

UIFontTextStyleBody

UIFontTextStyleTitle1

UIFontTextStyleTitle2

UIFontTextStyleTitle3

UIFontTextStyleCallout

UIFontTextStyleCaption1

UIFontTextStyleCaption2

UIFontTextStyleFootnote

UIFont.preferredFontForTextStyle(UIFontTextStyleHeadline)

```
let pointSize = UIFont.preferredFontForTextStyle(UIFontTextStyleHeadline).pointSize
let font = UIFont(name: "My Font", size: pointSize)
```

```
func preferredContentScale() -> CGFloat {
    let preferredContentSize = preferredContentSizeCategory
    let multiple: CGFloat
    switch preferredContentSize {
    case UIContentSizeCategoryExtraSmall:
        multiple = 0.5
    case UIContentSizeCategorySmall:
        multiple = 0.6
    case UIContentSizeCategoryMedium:
        multiple = 0.8
    case UIContentSizeCategoryLarge:
        multiple = 1.0
    case UIContentSizeCategoryExtraLarge:
        multiple = 1.2
    case UIContentSizeCategoryExtraExtraLarge:
        multiple = 1.4
    case UIContentSizeCategoryExtraExtraExtraLarge:
        multiple = 1.5
    default:
        // This catches all of the Accessibility, super large categories
        multiple = 1.5
    }
    return multiple
}
```



# Not Using Constraints

- Create top-to-bottom and leading-to-trailing constraints to the Cell's contentView
- Use `intrinsicContentSize` to configure minimum heights.
- Use `readableContentGuide` for horizontal constraints.
- Use `DefaultHigh` layout priority if constraints are breaking in cells
- Avoid Dynamic height table header views if possible

# **Dynamic Resizing Support**

**Please Restart the App**

You changed your preferred content size, please restart the App.