API Collection

Horizontal text

Lay out vertical text horizontally in your app when people turn on the Prefer Horizontal Text setting.

Overview

People use the Prefer Horizontal Text setting to specify a preference for laying out text horizontally in languages that support vertical text. By default, the setting is off, which allows languages that support vertical text to lay out text vertically. A person can turn on the setting to indicate that they prefer a horizontal text layout where possible.

In your app, handle changes to the Prefer Horizontal Text setting to create an enjoyable experience for people who choose to opt in to a horizontal text layout. Register for the notification prefers HorizontalTextLayoutDidChangeNotification to respond to changes in this setting:

```swift
import Accessibility

NotificationCenter.default.addObserver(self,
    selector: #selector(prefersHorizontalTextChanged),
    name: NSNotification.Name.prefersHorizontalTextLayoutDidChangeNotification,
    object: nil)
```

When the Prefer Horizontal Text setting changes, perform changes to your UI to update how you lay out text:

```swift
@objc
func prefersHorizontalTextChanged(_ notification: Notification) {
    if AccessibilitySettings.prefersHorizontalTextLayout {
        // The setting is on. Use a horizontal layout for text where possible.
    } else {
```

```
        // The setting is off. Use a vertical layout for languages that support vert
    }
}
```

Check the value of the Prefer Horizontal Text setting at any time by using <u>prefersHorizontal TextLayout</u>.

Topics

Horizontal text

`static var prefersHorizontalTextLayout: Bool`

A Boolean value that indicates whether the system setting to prefer horizontal text for languages that support both vertical and horizontal text layout is on.

`static var prefersHorizontalTextLayoutDidChangeNotification: Notification.Name`

A notification that posts when the system setting to prefer horizontal text for languages that support both vertical and horizontal text layout changes.

See Also

Supporting vision accessibility features

≔ VoiceOver

A gesture-based screen reader that provides an auditory description of the content onscreen.

📄 Flashing lights

Detect, mitigate, and inform people about flashing lights in media content.

≔ Audio graphs

Define an accessible representation of your chart for VoiceOver to generate an audio graph.

≔ Braille displays

Display a graphical representation of images, icons, data, and more on a two-dimensional braille display.

≡ **Animated images**

Pause animations in animated images in your app when people turn off the Animated Images setting.

{} **WWDC21 Challenge: Large Text Challenge**

Design for large text sizes by modifying the user interface.