API Collection

Writing Tools

Add support for Writing Tools to your app's text views.

Overview

Writing Tools provides a simple way for people to improve what they write using your app. Text views that support Writing Tools gain the ability to proofread, rewrite, summarize, or compose content with the help of system-provided large language models (LLMs) and Apple Intelligence.

Writing Tools supports both the standard system views and custom text views you create. The NSTextView and NSTextField classes automatically support Writing Tools, but you can customize that support to suit your app's requirements. You can also add Writing Tools support to any NSView in your app that contains text.

Topics

Configuration

📄 Customizing Writing Tools behavior for AppKit views

Modify the behavior of Writing Tools in standard macOS text views, and adjust your app's behavior while the feature is active.

enum NSWritingToolsBehavior

Constants that specify the Writing Tools experience for the underlying view.

struct NSWritingToolsResultOptions

Constants to specify what type of content to allow in Writing Tools suggestions or rewrites.

Writing Tools for custom views

📄 **Supporting Writing Tools via the pasteboard**

Adopt a simplified version of the Writing Tools experience in a custom view using the pasteboard and macOS services.

📄 **Adding Writing Tools support to a custom AppKit view**

Integrate Writing Tools support, including support for inline replacement animations, to your custom text views on macOS.

`class NSWritingToolsCoordinator`

An object that manages interactions between Writing Tools and your custom text view.

`protocol Delegate`

An interface that you use to manage interactions between Writing Tools and your custom text view.

`class Context`

A data object that you use to share your custom view's text with Writing Tools.

`class AnimationParameters`

An object you use to configure additional tasks or animations to run alongside the Writing Tools animations.

`{}` Enhancing your custom text engine with Writing Tools

Add Writing Tools support to your custom text engine to enhance the text editing experience.

Text previews

`class NSTextPreview`

A snapshot of the text in your view, which the system uses to create user-visible effects.

Toolbar configuration

`static let writingToolsItemIdentifier: NSToolbarItem.Identifier`

A standard item that is configured to send -showWritingTools: to the firstResponder when invoked.

See Also

Text

≡ Text Display

Display text and check spelling.

≡ TextKit

Manage text storage and perform custom layout of text-based content in your app's views.

≡ Fonts

Manage the fonts used to display text.