

[Speech](#) / SpeechTranscriber

Class

SpeechTranscriber

A speech-to-text transcription module that's appropriate for normal conversation and general purposes.

iOS 26.0+ | iPadOS 26.0+ | Mac Catalyst 26.0+ | macOS 26.0+ | visionOS 26.0+

```
final class SpeechTranscriber
```

Overview

Several transcriber instances can share the same backing engine instances and models, so long as the transcribers are configured similarly in certain respects.

Check device support

Use the [isAvailable](#) or [supportedLocales](#) properties to see if the current device supports the speech-to-text models used by SpeechTranscriber. If it does not, consider disabling the feature or using [DictationTranscriber](#) instead.

Topics

Creating a transcriber

```
convenience init(locale: Locale, preset: SpeechTranscriber.Preset)
```

Creates a general-purpose transcriber according to a preset.

```
convenience init(locale: Locale, transcriptionOptions: Set<SpeechTranscriber.TranscriptionOption>, reportingOptions: Set<SpeechTranscriber.ReportingOption>, attributeOptions: Set<SpeechTranscriber.ResultAttributeOption>)
```

Creates a general-purpose transcriber.

```
struct Preset
```

Predefined transcriber configurations.

Configuring transcription

```
enum ReportingOption
```

Options relating to the transcriber's result delivery.

```
enum ResultAttributeOption
```

Options relating to the attributes of the transcription.

```
enum TranscriptionOption
```

Options relating to the text of the transcription.

Checking device support

```
static var isAvailable: Bool
```

A Boolean value that indicates whether this module is available given the device's hardware and capabilities.

Checking locale support

```
static var installedLocales: [Locale]
```

The locales that the transcriber can transcribe into, considering only locales that are installed on the device.

```
static var supportedLocales: [Locale]
```

The locales that the transcriber can transcribe into, including locales that may not be installed but are downloadable.

```
static func supportedLocale(equivalentTo: Locale) async -> Locale?
```

A locale from the module's supported locales equivalent to the given locale.

Getting results

`struct Result`

A phrase or passage of transcribed speech. The phrases are sent in order.

Relationships

Conforms To

`LocaleDependentSpeechModule`

`Sendable`

`SendableMetatype`

`SpeechModule`

See Also

Modules

`class DictationTranscriber`

A speech-to-text transcription module that’s similar to system dictation features and compatible with older devices.

`class SpeechDetector`

A module that performs a voice activity detection (VAD) analysis.

`protocol SpeechModule`

Protocol that all analyzer modules conform to.

`protocol LocaleDependentSpeechModule`

A module that requires locale-specific assets.