Class

SFSpeechLanguageModel.Configuration

An object describing the location of a custom language model and specialized vocabulary.

iOS 17.0+ | iPadOS 17.0+ | Mac Catalyst 17.0+ | macOS 14.0+ | visionOS 1.0+

```
class Configuration
```

Overview

Pass this object to prepareCustomLanguageModel(for:configuration:completion:) to indicate where that method should create the custom language model file, and to customized LanguageModel or customizedLanguage(modelConfiguration:) to indicate where the system should find that model to use.

Topics

Creating a language model configuration

init(languageModel: URL)

    Creates a configuration with the location of a language model file.

init(languageModel: URL, vocabulary: URL?)

    Creates a configuration with the locations of language model and vocabulary files.

init(languageModel: URL, vocabulary: URL?, weight: NSNumber?)

Creates a configuration with the locations of language model and vocabulary files, and custom weight.

Inspecting a language model

`var languageModel: URL`

The location of a compiled language model file.

`var vocabulary: URL?`

The location of a compiled vocabulary file.

`var weight: NSNumber?`

The relative weight of the language model customization. Value must be between 0.0 and 1.0 inclusive.

Relationships

Inherits From

`NSObject`

Conforms To

```
CVarArg
CustomDebugStringConvertible
CustomStringConvertible
Equatable
Hashable
NSCoding
NSCopying
NSObjectProtocol
NSSecureCoding
Sendable
SendableMetatype
```

See Also

Custom vocabulary

`class` `AnalysisContext`

Contextual information that may be shared among analyzers.

`class` `SFSpeechLanguageModel`

A language model built from custom training data.

`class` `SFCustomLanguageModelData`

An object that generates and exports custom language model training data.