

[AVFoundation](#) / [AVMediaSelectionOption](#)

Class

AVMediaSelectionOption

An object that represents a specific option for the presentation of media within a group of options.

iOS 5.0+ | iPadOS 5.0+ | Mac Catalyst 13.1+ | macOS 10.8+ | tvOS 9.0+ | visionOS 1.0+ | watchOS 1.0+

```
class AVMediaSelectionOption
```

Mentioned in

 Selecting subtitles and alternative audio tracks

Topics

Accessing media information

```
var mediaType: AVMediaType
```

The media type of the media data.

```
var mediaSubTypes: [NSNumber]
```

The media sub-types of the media data associated with the option.

```
func hasMediaCharacteristic(AMediaCharacteristic) -> Bool
```

Returns a Boolean value that indicates whether the receiver has media with the given media characteristic.

Managing metadata

```
var commonMetadata: [AVMetadataItem]
```

An array of metadata items for each common metadata key for which a value is available.

```
var availableMetadataFormats: [String]
```

The metadata formats that contain metadata associated with the option.

```
func metadata(forFormat: String) -> [AVMetadataItem]
```

Returns an array of metadata items—one for each metadata item in the container of a given format.

Determining playability

```
var isPlayable: Bool
```

A Boolean value that indicates whether the media selection option is playable.

Getting the language and locale settings

```
var displayName: String
```

A string suitable for display using the current system locale.

```
func displayName(with: Locale) -> String
```

Returns a string suitable for display using the specified locale.

```
var locale: Locale?
```

The locale for which the media option was authored.

```
var extendedLanguageTag: String?
```

The IETF BCP 47 language tag associated with the option

Getting the associated media selection option

```
func associatedMediaSelectionOption(in: AVMediaSelectionGroup) ->  
AVMediaSelectionOption?
```

Returns a media selection option associated with the receiver in a given group.

Creating a Now Playing language option

```
func makeNowPlayingInfoLanguageOption() -> MPNowPlayingInfoLanguageOption?
```

Creates a language option for a media selection option.

Creating a property list representation

```
func propertyList() -> Any
```

Returns a serializable property list that's sufficient to identify the option within its group.

Relationships

Inherits From

NSObject

Conforms To

CVarArg

CustomDebugStringConvertible

CustomStringConvertible

Equatable

Hashable

NSCopying

NSObjectProtocol

See Also

Media selection

 Selecting subtitles and alternative audio tracks

Extend your app's appeal to users by adding subtitles and alternative audio tracks in their native language.

```
class AVMediaSelection
```

An object that represents a complete rendition of media selection options on an asset.

`class AVMediaSelectionGroup`

An object that represents a collection of mutually exclusive options for the presentation of media within an asset.

`class AVMutableMediaSelection`

A mutable object that represents a complete rendition of media selection options on an asset.

`class AVPlayerMediaSelectionCriteria`

An object that specifies the preferred languages and media characteristics for a player.

`class AVCustomMediaSelectionScheme`

For content that has been authored with the express intent of offering an alternative selection interface for `AVMediaSelectionOptions`, `AVCustomMediaSelectionScheme` provides a collection of custom settings for controlling the presentation of the media.

`class AVMediaPresentationSelector`

For content that has been authored with the express intent of offering an alternative selection interface for `AVMediaSelectionOptions`, `AVMediaPresentationSelector` represents a collection of mutually exclusive settings.

`class AVMediaPresentationSetting`

For content that has been authored with the express intent of offering an alternative selection interface for `AVMediaSelectionOptions`, `AVMediaPresentationSetting` represents a selectable setting for controlling the presentation of the media.