

[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(AVMediaCharacteristic) -> 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.

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# Relationships

## Inherits From

NSObject

## Conforms To

CVarArg

CustomDebugStringConvertible

CustomStringConvertible

Equatable

Hashable

NSCopying

NSObjectProtocol

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# 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.