

[AVFoundation](#) / [AVMediaSelectionGroup](#)

Class

AVMediaSelectionGroup

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

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

```
class AVMediaSelectionGroup
```

Mentioned in

 Selecting subtitles and alternative audio tracks

Topics

Accessing media selection options

```
var options: [AVMediaSelectionOption]
```

A collection of mutually exclusive media selection options

```
func mediaSelectionOption(withPropertyList: Any) -> AVMediaSelectionOption?
```

Returns the media selection options that match the given property list.

```
var defaultOption: AVMediaSelectionOption?
```

The default option in the group.

Configuring empty selection behavior

```
var allowsEmptySelection: Bool
```

A Boolean value that indicates whether it's possible to present none of the options in the group when an associated player item is played.

Filtering selection options

```
class func playableMediaSelectionOptions(from: [AVMediaSelectionOption]) -> [AVMediaSelectionOption]
```

Returns an array containing the media selection options from a given array that are playable.

```
class func mediaSelectionOptions(from: [AVMediaSelectionOption], with: Locale) -> [AVMediaSelectionOption]
```

Returns an array containing the media selection options from a given array that match the specified locale.

```
class func mediaSelectionOptions(from: [AVMediaSelectionOption], with MediaCharacteristics: [AVMediaCharacteristic]) -> [AVMediaSelectionOption]
```

Returns an array containing the media selection options from a given array that match given media characteristics.

```
class func mediaSelectionOptions(from: [AVMediaSelectionOption], withoutMediaCharacteristics: [AVMediaCharacteristic]) -> [AVMediaSelectionOption]
```

Returns an array containing the media selection options from a given array that do not match given media characteristics.

```
class func mediaSelectionOptions(from: [AVMediaSelectionOption], filteredAndSortedAccordingToPreferredLanguages: [String]) -> [AVMediaSelectionOption]
```

Returns an array of media selection options, filtering them according to whether their locales match one of the specified languages.

```
var customMediaSelectionScheme: 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.

Creating a Now Playing language option group

```
func makeNowPlayingInfoLanguageOptionGroup() -> MPNowPlayingInfoLanguageOptionGroup
```

Creates a language option group from the media selection group.

Relationships

Inherits From

NSObject

Inherited By

AVAssetWriterInputGroup

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 AVMediaSelectionOption`

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

`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.