

[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], withMediaCharacteristics: [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.

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## Relationships

### Inherits From

NSObject

### Inherited By

AVAssetWriterInputGroup

### 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 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.