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Class

AVPlayerMediaSelectionCriteria

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

iOS 7.0+ | iPadOS 7.0+ | Mac Catalyst 13.1+ | macOS 10.9+ | tvOS 9.0+ | visionOS 1.0+ | watchOS 1.0+

```
class AVPlayerMediaSelectionCriteria
```

Overview

An instance of this object represents the languages and media characteristics of assets that contain media selection options that a player attempts to select automatically when preparing and playing items. It lists the languages and media characteristics in their preferred order.

Topics

Creating media selection criteria

```
init(preferredLanguages: [String]?, preferredMediaCharacteristics: [AVMediaCharacteristic]?)
```

Creates media selection criteria with the preferred languages and media characteristics.

```
init(principalMediaCharacteristics: [AVMediaCharacteristic]?, preferredLanguages: [String]?, preferredMediaCharacteristics: [AVMediaCharacteristic]?)
```

Creates media selection criteria with the principal media characteristics, and preferred languages and media characteristics.

Retrieving selection criteria settings

```
var preferredLanguages: [String]?
```

An array of language identifiers in preferred order.

```
var preferredMediaCharacteristics: [AVMediaCharacteristic]?
```

An array of media characteristics in preferred order.

```
var principalMediaCharacteristics: [AVMediaCharacteristic]?
```

An array of media characteristics that are essential to select when choosing media with a particular characteristic.

Relationships

Inherits From

NSObject

Conforms To

CVarArg

CustomDebugStringConvertible

CustomStringConvertible

Equatable

Hashable

NSObjectProtocol

Sendable

SendableMetatype

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 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 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.