AVKit / AVDisplayManager

Class

AVDisplayManager

A tvOS management object that controls whether a TV switches modes to match the video's native mode.

tvOS 11.2+ | visionOS 1.0+

```
class AVDisplayManager
```

Overview

If you set the display manager's <u>preferredDisplayCriteria</u>, when a user enables a Match Content setting, the TV attempts to change modes to match the currently playing video's native display criteria.

> **Important**
>
> Don't directly instantiate a display manager object. Instead, access the current instance from the key window's <u>avDisplayManager</u> property.

Topics

Matching a Video's Native Display Mode

`var preferredDisplayCriteria: AVDisplayCriteria?`

A hint for the TV to set the display mode to best match the currently playing content's display criteria.

`var` `isDisplayCriteriaMatchingEnabled:` `Bool`

A Boolean value that indicates whether the user has enabled display critera matching.

`var` `isDisplayModeSwitchInProgress:` `Bool`

A Boolean value that indicates whether a display mode switch is in progress.

Relationships

Inherits From

`NSObject`

Conforms To

```
CVarArg
CustomDebugStringConvertible
CustomStringConvertible
Equatable
Hashable
NSObjectProtocol
```

See Also

tvOS playback and capture

📄 Customizing the tvOS Playback Experience

Adopt the latest features of the redesigned tvOS player user interface to provide a more streamlined way to watch your content.

📄 Presenting Navigation Markers

Present navigation markers in the Chapters panel to help users quickly navigate your content.

📄 Working with Interstitial Content

Present additional content alongside your main media presentation using HTTP Live Streaming support.

📄 **Presenting Content Proposals in tvOS**

Display a preview of an upcoming media item at the conclusion of the currently playing media item.

{} **Working with Overlays and Parental Controls in tvOS**

Add interactive overlays, parental controls, and livestream channel flipping using a player view controller.

{} **Supporting Continuity Camera in your tvOS app**

Capture high-quality photos, video, and audio in your Apple TV app by connecting an iPhone or iPad as a continuity device.

class `AVPlayerViewController`

A view controller that displays content from a player and presents a native user interface to control playback.

protocol `AVPlayerViewControllerDelegate`

A protocol that defines the methods to implement to respond to player view controller events.

class `AVInterstitialTimeRange`

A time range in an audiovisual presentation for content with an interstitial designation, such as advertisements or legal notices.

class `AVNavigationMarkersGroup`

A set of markers for navigating playback of an audiovisual presentation.

class `AVContentProposalViewController`

A view controller that proposes content to watch next.

class `AVContinuityDevicePickerViewController`

A view controller that provides an interface to a person so they can select and connect a continuity device to the system.

protocol `AVContinuityDevicePickerViewControllerDelegate`

An interface that responds to events from a continuity device picker view controller.