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API Collection

Caption authoring

Create captions and subtitles in industry-standard formats.

Topics

Captions

`class` `AVCaption`

An object that represents text to present over a time range.

`class` `AVMutableCaption`

A mutable caption subclass that you use to create new captions.

Regions

`class` `AVCaptionRegion`

An object that represents the region in which the system presents a caption.

`class` `AVMutableCaptionRegion`

A mutable caption region subclass that you use to create new caption regions.

Groups

`class` `AVCaptionGroup`

An object that represents zero or more captions that intersect in time.

`class` `AVCaptionGrouper`

An object that analyzes the temporal overlaps of caption objects to create caption groups for each span of concurrent captions.

Presentation

`class AVCaptionRenderer`

An object that renders captions for display at a particular time.

Reading and writing

`class AVAssetReaderOutputCaptionAdaptor`

An object that reads caption group objects from an asset track that contains timed text.

`class AVAssetWriterInputCaptionAdaptor`

An object that appends captions to an asset writer input.

Conversion and validation

`struct AVCaptionSettingsKey`

A structure that defines dictionary keys to configure the caption converter and validator.

`class AVCaptionFormatConformer`

An object that converts a canonical caption to a specific format.

`class AVCaptionConversionValidator`

An object that validates captions for a conversion operation.