Structure

DocumentObservation

Information about the sections of content that an image-analysis request detects in a document.

iOS 26.0+ | iPadOS 26.0+ | macOS 26.0+ | tvOS 26.0+ | visionOS 26.0+

```
struct DocumentObservation
```

Overview

The observation allows you to access a document's content and group it within different sections. An observation is the result of using a RecognizeDocumentsRequest to process an image of a document and detects the content within that document using a container. Each container provides access to any text, lists, barcodes, or any other detected data that appears within the region of the container.

Topics

Inspecting an observation

`let uuid: UUID`

A unique alphanumeric value that the framework assigns to the observation.

`let confidence: Float`

The level of confidence in the observation's accuracy.

```
let document: DocumentObservation.Container
```
The contents of the document.

```
let timeRange: CMTimeRange?
```
Time in a video frame where the observation was detected.

Getting the recognized text

```
struct Container
```
A region of content recognized in a document.

Relationships

Conforms To

```
Copyable
CustomStringConvertible
Decodable
Encodable
Equatable
Hashable
Sendable
SendableMetatype
VisionObservation
```

See Also

Text detection

{} Recognizing tables within a document

Scan a document containing a contact table and extract the content within the table in a formatted way.

{} Locating and displaying recognized text

Perform text recognition on a photo using the Vision framework's text-recognition request.

struct RecognizeDocumentsRequest

An image-analysis request to scan an image of a document and provide information about its structure.

struct DetectTextRectanglesRequest

An image-analysis request that finds regions of visible text in an image.

struct RecognizeTextRequest

An image-analysis request that recognizes text in an image.