

[Vision](#) / RecognizeDocumentsRequest

Structure

RecognizeDocumentsRequest

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

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

```
struct RecognizeDocumentsRequest
```

Overview

This request scans a document and extracts different groups of text and barcodes within the document image. Use this request to understand different types of structured texts like receipts, nutritional labels, textbook pages, forms, or other documents that you want to understand in further detail.

The request generates a [DocumentObservation](#) array, which allows you to access your chosen document's structure grouped by words, lines, or paragraphs. You can also access tables and lists that appear in the document.

Topics

Creating a request

```
init(RecognizeDocumentsRequest.Revision?)
```

Creates a document content recognition request.

Getting the revision

```
let revision: RecognizeDocumentsRequest.Revision
```

The request's configured revision.

```
static let supportedRevisions: [RecognizeDocumentsRequest.Revision]
```

The revisions supported by `ClassifyImageRequest`.

```
enum Revision
```

A type that describes the algorithm or implementation that the request performs.

Inspecting a request

```
struct BarcodeDetectionOptions
```

A configuration object for detecting barcodes in a document.

```
struct TextRecognitionOptions
```

A configuration object for detected and recognized text within the document.

```
var barcodeDetectionOptions: RecognizeDocumentsRequest.BarcodeDetectionOptions
```

Configuration for detecting machine-readable codes in the document.

```
var textRecognitionOptions: RecognizeDocumentsRequest.TextRecognitionOptions
```

Configuration for recognizing text in the document.

```
var supportedBarcodeSymbologies: [BarcodeSymbology]
```

The collection of revisions the request supports.

```
var supportedRecognitionLanguages: [Locale.Language]
```

The identifiers of the languages that the request supports.

Relationships

Conforms To

CustomStringConvertible
Equatable
Hashable
ImageProcessingRequest
Sendable
SendableMetatype
VisionRequest

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` DocumentObservation

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

`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.