Protocol

MergeableDocument

Documents conforming to this protocol can merge several copies of the document into a single document.

iOS 17.4+ | iPadOS 17.4+ | Mac Catalyst 17.4+ | visionOS

```
protocol MergeableDocument : MergeablePartsContainer, Identifiable
```

Topics

Getting the pages

`var pages: [Self.Page]`

The collection of pages in this document.

Required

`associatedtype Page : MergeableDocumentPage`

The page type this document contains.

Required

Exporting the layers

`func exportToPDF(visibleParts: [Self.PartID]) async -> PDFDocument`

Exports the indicated layers of this document into a single `PDFDocument`.

Required

Exporting the thumbnails

```
func pageThumbnails(visibleParts: [Self.PartID]) async -> [Self.Page.ID
: Self.Page.Thumbnail]
```

Exports thumbnails of each page such that the thumbnails contain the indicated layers.

Required Default implementation provided.

Getting the error type

```
associatedtype Error : Error
```

The error type for this type.

Required

Relationships

Inherits From

```
Equatable
Hashable
Identifiable
MergeablePartsContainer
```

Conforming Types

```
AssignableDocument, AssignedWorkDocument
```

See Also

Mergeable document

```
struct MergeablePartsContainerPartID
```

The ID of a part in a `MergeablePartsContainer`.

```
protocol MergeableDocumentPage
```

Types conforming to this protocol indicate that they are a page in a <u>MergeableDocument</u> conforming object.

protocol `MergeablePartsContainer`

Objects conforming to this protocol allow merging in other replicas of themselves or merging in individual parts of themselves.

struct `DocumentThumbnail`

A structure that contains an image of an entire page or a portion of a page and the ID of the page the image is from.