Protocol

BoundingRegionProviding

A protocol for objects that have a defined boundary in an image.

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

```
protocol BoundingRegionProviding
```

Topics

Getting the bounding region

var boundingRegion: `NormalizedRegion`

   A polygon that defines the boundary of an area in the image.

   Required

Relationships

Conforming Types

```
DocumentObservation.Container
DocumentObservation.Container.DataDetectorMatch
DocumentObservation.Container.List
DocumentObservation.Container.Table
DocumentObservation.Container.Text
```

See Also

Image locations and regions

struct `NormalizedPoint`

A point in a 2D coordinate system.

struct `NormalizedRect`

The location and dimensions of a rectangle.

typealias `NormalizedRegion`

A polygon composed of normalized points.

struct `NormalizedCircle`

The center point and radius of a 2D circle.

protocol `BoundingBoxProviding`

A protocol for objects that have a bounding box.

protocol `QuadrilateralProviding`

A protocol for objects that have a bounding quadrilateral.

enum `CoordinateOrigin`

The origin of a coordinate system relative to an image.