Vision / BoundingBoxProviding

Protocol

BoundingBoxProviding

A protocol for objects that have a bounding box.

iOS 18.0+ | iPadOS 18.0+ | macOS 15.0+ | tvOS 18.0+ | visionOS 2.0+

```
protocol BoundingBoxProviding
```

Topics

Getting the bounding box

`var boundingBox: NormalizedRect`

The bounding box of the object.

Required Default implementation provided.

Relationships

Inherited By

`QuadrilateralProviding`

Conforming Types

`BarcodeObservation`
`DetectedDocumentObservation`
`DetectedObjectObservation`

```
FaceObservation
HumanObservation
RecognizedObjectObservation
RecognizedTextObservation
RectangleObservation
TextObservation
```

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 `BoundingRegionProviding`

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

protocol `QuadrilateralProviding`

    A protocol for objects that have a bounding quadrilateral.

enum `CoordinateOrigin`

    The origin of a coordinate system relative to an image.