Class

CNObjectTracker

An object that converts a normalized point or rectangle into a detection track that tracks an object over time.

iOS 17.0+ | iPadOS 17.0+ | Mac Catalyst | macOS 14.0+ | tvOS 17.0+

```
class CNObjectTracker
```

Topics

Initializers

`init(commandQueue: any MTLCommandQueue)`

Creates a new detection track builder.

Instance Methods

`func continueTracking(at: CMTime, sourceImage: CVPixelBuffer, sourceDisparity: CVPixelBuffer) -> CNBoundsPrediction?`

An object that continues to track an object that you've started tracking, and adds a new detection to the detection track you're building.

`func findObject(at: CGPoint, sourceImage: CVPixelBuffer) -> CNBoundsPrediction?`

An object that finds the bounds of an object at the given point.

`func finishDetectionTrack() -> CNDetectionTrack`

Finish constructing the detection track and return it.

```
func resetDetectionTrack()
```

Resets the builder to construct a new detection track.

```
func startTracking(at: CMTime, within: CGRect, sourceImage: CVPixel
Buffer, sourceDisparity: CVPixelBuffer) -> Bool
```

Starts creating a detection track to track an object within the given bounds.

Type Properties

```
static var isSupported: Bool
```

Indicates whether the current device supports object detection and tracking.

See Also

Custom Object Tracking

```
struct CNBoundsPrediction
```

A structure representing the bounds of the predicted subject.