Class

CNDetectionTrack

An object representing a series of detections of the same subject over time.

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

```
class CNDetectionTrack
```

Topics

Instance Properties

`var detectionGroupID: CNDetectionGroupID`

The detection group ID of the subject detected by the track.

`var detectionID: CNDetectionID`

The unique ID of the subject detected during this track.

`var detectionType: CNDetectionType`

The type of object that's detected.

`var isDiscrete: Bool`

A flag determining if the detection track has discrete detections, otherwise continuous.

`var isUserCreated: Bool`

A flag indicating if the client created the detection track.

Instance Methods

`func detection(atOrBefore: CMTime) -> CNDetection?`

Returns the array of detections in the detection track before a given time.

`func detection(nearest: CMTime) -> CNDetection?`

Returns the array of detections in the detection track nearest a given time.

`func detections(in: CMTimeRange) -> [CNDetection]`

Returns the array of detections in the detection track within the given time range.

Relationships

Inherited By

`CNCustomDetectionTrack`, `CNFixedDetectionTrack`

See Also

Editing

{} Editing Spatial Audio with an audio mix

Add Spatial Audio editing capabilities with the Audio Mix API in the Cinematic framework.

`struct CNDetection`

A structure that represents a detected subject, face, torso or pet at a particular time.

`struct CNDecision`

An object that represents a decision to focus on a particular detection, or group of detections, at a particular time.

`class CNFixedDetectionTrack`

An object representing the fixed detection track.

`class CNCustomDetectionTrack`

An object representing a discrete detection track composed of individual detections.

`enum CNDetectionType`

The type of object detected, such as face, torso, cat, dog and so on.