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Structure

Alarm.CountdownDuration

An object that defines the durations used in an alarm that has a countdown.

iOS 26.0+ | iPadOS 26.0+

```
struct CountdownDuration
```

Overview

Provide the countdown duration in seconds.

```
Alarm.CountdownDuration(preAlert: 10, postAlert: 10)
```

Topics

Creating a countdown duration

```
init(preAlert: TimeInterval?, postAlert: TimeInterval?)
```

Creates an instance of a countdown duration.

```
var postAlert: TimeInterval?
```

The duration applied after the alarm has alerted at least once and moves back to the countdown state.

```
var preAlert: TimeInterval?
```

The duration applied before the alarm fires.

Relationships

Conforms To

Decodable

Encodable

Equatable

Sendable

SendableMetatype

See Also

Defining a countdown duration

```
var countdownDuration: Alarm.CountdownDuration?
```

The time left before an alert, in seconds.

```
var id: UUID
```

The unique identifier of the alarm.

```
enum State
```

An enum that lists all possible states of an alarm.

```
var state: Alarm.State
```

The current state of the alarm.