

[HealthKit](#) / HKLiveWorkoutDataSource

Class

HKLiveWorkoutDataSource

A data source that automatically provides live data from an active workout session.

iOS 26.0+ | iPadOS 26.0+ | Mac Catalyst 26.0+ | macOS | watchOS 5.0+

```
class HKLiveWorkoutDataSource
```

Mentioned in

 Running workout sessions

Topics

Creating a live data source

```
init(healthStore: HKHealthStore, workoutConfiguration: HKWorkoutConfiguration?)
```

Creates a new data source based on the provided workout configuration.

```
var typesToCollect: Set<HKQuantityType>
```

The quantity type samples that the data source automatically sends to the workout builder.

Calculating statistics

```
func enableCollection(for: HKQuantityType, predicate: NSPredicate?)
```

Begins automatically calculating statistics for samples that match the quantity type and predicate.

```
func disableCollection(for: HKQuantityType)
```

Stops automatically calculating statistics for the quantity type.

Relationships

Inherits From

NSObject

Conforms To

CVarArg

CustomDebugStringConvertible

CustomStringConvertible

Equatable

Hashable

NSObjectProtocol

Sendable

SendableMetatype

See Also

Sessions



Running workout sessions

Track a workout on Apple Watch.



Build a workout app for Apple Watch

Create your own workout app, quickly and easily, with HealthKit and SwiftUI.



Building a multidevice workout app

Mirror a workout from a watchOS app to its companion iOS app, and perform bidirectional communication between them.

`{}` Building a workout app for iPhone and iPad

Start a workout in iOS, control it from the Lock Screen with App Intents, and present the workout status with Live Activities.

`class HKWorkoutSession`

A session that tracks a person's workout.

`class HKWorkoutConfiguration`

An object that contains configuration information about a workout session.

`enum HKWorkoutSessionState`

A workout session's state.

`class HKLiveWorkoutBuilder`

A builder object that constructs a workout incrementally based on live data from an active workout session.