Class

HKLiveWorkoutBuilder

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

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

```
class HKLiveWorkoutBuilder
```

Mentioned in

📄 Running workout sessions

Overview

Use a live workout builder to create an HKWorkout sample during an active HKWorkoutSession. For complete instructions on running workout sessions on Apple Watch, see Running workout sessions.

Topics

Configuring a live workout builder

`var dataSource: HKLiveWorkoutDataSource?`

A data source that provides live data from a workout session automatically.

`var workoutSession: HKWorkoutSession?`

The workout session created by the data source and associated with this builder.

Monitoring and controlling the workout

var `delegate:` `(any HKLiveWorkoutBuilderDelegate)?`

The live builder's delegate.

protocol `HKLiveWorkoutBuilderDelegate`

A protocol for monitoring live workout builders.

var `currentWorkoutActivity:` `HKWorkoutActivity?`

The current workout activity.

var `shouldCollectWorkoutEvents:` `Bool`

A Boolean value that determines whether the workout builder automatically adds events generated by the workout session.

Accessing data

var `elapsedTime:` `TimeInterval`

The elapsed time for the workout based on the builder's current contents, including pauses.

Relationships

Inherits From

`HKWorkoutBuilder`

Conforms To

```
CVarArg
CustomDebugStringConvertible
CustomStringConvertible
Equatable
Hashable
NSObjectProtocol
Sendable
```

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` `HKLiveWorkoutDataSource`

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