

[GameKit](#) / GKLeaderboardScore

Class

GKLeaderboardScore

Information about a player's score on a leaderboard.

iOS 14.0+ | iPadOS 14.0+ | Mac Catalyst 14.0+ | macOS 11.0+ | tvOS 14.0+ | visionOS 1.0+ | watchOS 7.0+

```
class GKLeaderboardScore
```

Overview

A [GKLeaderboardScore](#) object represents a score on a leaderboard for scores you report for challenges or turn-based games.

When you create a [GKLeaderboardScore](#) object, set the `leaderboardID` property to the associated leaderboard, the `player` property to the player who earns the score, and the `value` property to the score. Make sure the score is compatible with the score format that you configure in App Store Connect.

Then use either the [report\(_:withEligibleChallenges:withCompletionHandler:\)](#) or [endMatchInTurn\(withMatch:leaderboardScores:achievements:completionHandler:\)](#) [GKTurnBasedMatch](#) method to report one or more scores.

For details about the score format, see [Configure leaderboards](#) in App Store Connect Help.

Topics

Accessing Properties

```
var context: Int
```

An integer value that your game uses.

```
var leaderboardID: String
```

The ID that Game Center uses for the leaderboard.

```
var player: GKPlayer
```

The player who earns the score.

```
var value: Int
```

The score that the player earns.

Relationships

Inherits From

NSObject

Conforms To

CVarArg

CustomDebugStringConvertible

CustomStringConvertible

Equatable

Hashable

NSObjectProtocol

Sendable

SendableMetatype

See Also

Leaderboards

 [Encourage progress and competition with leaderboards](#)

Let players measure their own progress and compare their skills with friends and others.

 [Creating recurring leaderboards](#)

Create a leaderboard for your game that ranks player scores based on a schedule.

`{}` Adding Recurring Leaderboards to Your Game

Encourage competition in your games by adding leaderboards that have a duration and repeat.

```
class GKLeaderboard
```

A leaderboard for a game that Game Center stores.

```
class GKLeaderboardSet
```

Organizes leaderboards into logical and coherent groups.