

[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.