Protocol

EnumerableEntityQuery

An interface you use to provide a short list of entities that are relatively small in size.

iOS 17.0+ | iPadOS 17.0+ | Mac Catalyst | macOS 14.0+ | tvOS 17.0+ | visionOS | watchOS 10.0+

```
protocol EnumerableEntityQuery : EntityQuery
```

Mentioned in

📄 Integrating custom data types into your intents

Overview

By implementing an `EnumerableEntityQuery`, you enable the Shortcuts app to generate a Find action and do filtering automatically. Use it in cases where the count of entities is relatively small, and their size in memory is limited. For situations where there may be many thousands of entities, or where individual entities may become large in memory usage, use EntityPropertyQuery to allow better performance by fetching only the entities matching the criteria from your model.

Topics

Instance Methods

```
func allEntities() async throws -> Self.Result
```
    Returns all available results.

Required Default implementation provided.

Type Properties

`static var` `findIntentDescription:` `IntentDescription?`

Defines how the generated 'Find' Shortcuts action of this query type is displayed to the user.

Required Default implementation provided.

Relationships

Inherits From

DynamicOptionsProvider
EntityQuery
PersistentlyIdentifiable
Sendable
SendableMetatype

Inherited By

UniqueAppEntityQuery

Conforming Types

UniqueAppEntityProvider

See Also

Identifier-based queries

`protocol` `EntityQuery`

An interface for locating entities using their identifiers.