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## Protocol

# IndexedEntity

`IndexedEntity` represents an App Entity decorated with an attribute set. A set of attributes that enable the system to perform structured indexing and queries of entities.

iOS 18.0+ | iPadOS 18.0+ | Mac Catalyst | macOS 15.0+ | visionOS 2.0+

```
protocol IndexedEntity : AppEntity
```

## Mentioned in

 Making app entities available in Spotlight

## Topics

### Instance Properties

```
var attributeSet: CSSearchableItemAttributeSet
```

Provide a customized attribute set for improved search accuracy.

**Required** Default implementation provided.

```
var defaultAttributeSet: CSSearchableItemAttributeSet
```

Custom attributes that improve search accuracy in Spotlight.

```
var hideInSpotlight: Bool
```

Controls whether this entity will be displayed in search results in the Spotlight UI.

# Relationships

## Inherits From

AppEntity  
AppValue  
CustomLocalizedStringResourceConvertible  
DisplayRepresentable  
Identifiable  
InstanceDisplayRepresentable  
PersistentlyIdentifiable  
Sendable  
SendableMetatype  
TypeDisplayRepresentable

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## See Also

## Entities

 Integrating custom data types into your intents

Provide the system with information about the types your app uses to model its data so that your intents can use those types as parameters.

`protocol AppEntity`

An interface for exposing a custom type or app-specific concept to system experiences like Siri and the Shortcuts app.

`protocol FileEntity`

An entity that refers to a document or other file.

`protocol TransientAppEntity`

A type that represents a transient model object which exposes its interface to App Intents via properties. Note that `TransientAppEntity` types are not meant to be queried.

`protocol UniqueAppEntity`

An entity that will only ever have one value, such as global settings.

`protocol URLRepresentableEntity`

An app entity with a URL representation.