

[Visual Intelligence](#) / SemanticContentDescriptor

Structure

SemanticContentDescriptor

A type that represents a scene that visual intelligence captures, like a screenshot, photo, or photo and video stream.

iOS 26.0+ | iPadOS 26.0+ | Mac Catalyst 26.0+

```
struct SemanticContentDescriptor
```

Mentioned in

 Integrating your app with visual intelligence

Topics

Accessing semantic content

```
let labels: [String]
```

A list of labels that visual intelligence uses to classify items onscreen or visual intelligence camera.

```
var pixelBuffer: CVReadOnlyPixelBuffer?
```

The pixel buffer that visual intelligence captures.

Protocol conformance

```
static var defaultResolverSpecification: some ResolverSpecification
```

A default implementation of an internal type that the App Intents framework uses to convert data values with resolvers.

`typealias Specification`

`typealias ValueType`

`typealias UnwrappedType`

Relationships

Conforms To

Copyable
CustomLocalizedStringResourceConvertible
CustomStringConvertible
DisplayRepresentable
InstanceDisplayRepresentable
PersistentlyIdentifiable
Sendable
SendableMetatype
TypeDisplayRepresentable

See Also

Essentials

 [Integrating your app with visual intelligence](#)

Enable people to find app content that matches their surroundings or objects onscreen with visual intelligence.