

[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.