

[AccessorySetupKit](#) / [ASPickerDisplayItem](#)

Class

ASPickerDisplayItem

An accessory as presented by the discovery picker.

iOS 18.0+ | iPadOS 18.0+

```
class ASPickerDisplayItem
```

Mentioned in

 Discovering and configuring accessories

Overview

Create instances of `ASPickerDisplayItem` that describe the accessories you want to discover. Each item contains a name and product image to display, plus an [ASDiscoveryDescriptor](#) that identifies the kind of accessories to match. Pass these in an array to [`showPicker\(for:completionHandler:\)`](#) to display a picker that allows the person using your app to discover and select nearby accessories.

Filter the matched accessories by supplying a [descriptor](#), which contains various Bluetooth and Wi-Fi properties to match. The descriptor also allows you to set the [bluetoothRange](#) of matched accessories; set its value to [ASDiscoveryDescriptor.Range.immediate](#) to limit discovery of Bluetooth accessories to those within the immediate proximity of the device running your app.

To enable different behaviors during setup, use the [setupOptions](#) property, which is an option set (Swift) or bitfield (Objective-C) of behavior options. The defined options in [ASPickerDisplayItem.SetupOptions](#) allow you to specify behaviors like allowing renaming of the accessory during setup, or confirming accessory authorization before showing the setup view.

Topics

Creating a display item

```
init(name: String, productImage: UIImage, descriptor: ASDisplayDescriptor)
```

Creates a picker display item with a name and image to display and a descriptor to match discovered accessories.

Specifying discovery properties

```
var descriptor: ASDisplayDescriptor
```

A descriptor that the picker uses to determine which discovered accessories to display.

Customizing display properties

```
var name: String
```

The accessory name to display in the picker.

```
var productImage: UIImage
```

An image of the accessory to display in the picker.

Customizing setup options

```
var setupOptions: ASPickerDisplayItem.SetupOptions
```

Custom setup options for the accessory.

```
struct SetupOptions
```

Setup options offered by the accessory picker.

```
var renameOptions: ASAccessory.RenameOptions
```

Options to allow renaming a matched accessory.

```
struct RenameOptions
```

Options that affect the behavior of an accessory renaming operation.

Relationships

Inherits From

NSObject

Inherited By

ASDiscoveredDisplayItem, ASMigrationDisplayItem

Conforms To

CVarArg
CustomDebugStringConvertible
CustomStringConvertible
Equatable
Hashable
NSObjectProtocol
Sendable
SendableMetatype

See Also

Displaying picker items

`class ASDiscoveredDisplayItem`

A picker display item created from customizing a discovered accessory.

`class ASMigrationDisplayItem`

A previously-discovered accessory as presented by the discovery picker, for use when migrating it to AccessorySetupKit.