

[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: ASDiscoveryDescriptor)
```

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

Specifying discovery properties

```
var descriptor: ASDiscoveryDescriptor
```

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`.