

[Foundation](#) / [NSItemProvider](#) / registerFileRepresentation(forTypeIdentifier:fileOptions:visibility:loadHandler:)

Instance Method

registerFileRepresentation(forTypeIdentifier:fileOptions:visibility:loadHandler:)

Registers a file-backed representation for an item, specifying file options, item visibility, and a load handler.

iOS 11.0+ | iPadOS 11.0+ | Mac Catalyst 13.1+ | macOS 10.13+ | tvOS 11.0+ | visionOS 1.0+ | watchOS 4.0+

```
func registerFileRepresentation(  
    forTypeIdentifier typeIdentifier: String,  
    fileOptions: NSItemProviderFileOptions = [],  
    visibility: NSItemProviderRepresentationVisibility,  
    loadHandler: @escaping (@escaping (URL?, Bool, (any Error)?) -> Void) -> Progress  
)
```

Discussion

If a destination app must access the represented file using a file coordinator, set the coordinated parameter in the load handler block to [true](#).

To offer a representation backed by a file provider, return an [NSURL](#) object that points to your app's file provider's container. The file provider extension is then invoked to retrieve the file when requested.

To offer a representation backed by a file to open in place, set the fileOptions parameter to a value of [openInPlace](#); in addition, return an [NSURL](#) object that points to your app's file provider's container. Open-in-place support requires that the file provider is visible in the Files app.

See Also

Registering files

```
func registerFileRepresentation(for: UTType, visibility: NSItemProviderRepresentationVisibility, openInPlace: Bool, loadHandler: ((URL?, Bool, (any Error)?) -> Void) -> Progress?)
```

Registers a file-backed representation for an item with item visibility, an open-in-place option, and a load handler.