Structure

WASubscriberBrowser

The structure that configures a network browser to subscribe to a Wi-Fi Aware service and make outgoing connections to paired devices.

iOS 26.0+ | iPadOS 26.0+

```
struct WASubscriberBrowser
```

Overview

Devices can subscribe to services provided by other Wi-Fi Aware devices by creating a `Network Browser` object from the `Network` framework, and passing in a `.wifiAware()` instruction indicating the `WASubscribableService` to look for, and the set of `WAPairedDevice` to find it on.

The code below configures the `NetworkBrowser` as a Wi-Fi Aware subscriber by passing in a `.wifiAware()` instruction:

```
NetworkBrowser(for: .wifiAware( .connecting(to:.selected(devices),  from:service) )
```

Topics

Configuring a browser

```
struct Action
```

The structure that configures the Wi-Fi Aware subscriber operation the network browser performs.

`struct Devices`

The structure that determines the devices to connect to.

Processing Wi-Fi Aware subscribe results

`typealias Endpoint`

A result for each discovered Wi-Fi Aware device.

Creating browser implementation details

`func makeDescriptor() -> NWBrowser.Descriptor`

Makes a descriptor that can create a network browser for a Wi-Fi Aware subscribe operation.

`func configureParameters(NWParameters?) -> NWParameters`

Returns the parameters to use to configure the Wi-Fi Aware subscriber and the subsequent connection.

`func makeEndpoint(from: NWBrowser.Result) throws -> WASubscriberBrowser.Endpoint?`

Creates a connectable Wi-Fi Aware endpoint from a browse result.

Relationships

Conforms To

`BrowserProvider`, `Sendable`, `SendableMetatype`

See Also

Subscriber

`struct Action`

The structure that configures the Wi-Fi Aware subscriber operation the network browser performs.

`struct` `Devices`

The structure that determines the devices to connect to.