Class

NetworkBrowser

Discover advertised services and devices on the network.

iOS 26.0+ | iPadOS 26.0+ | Mac Catalyst 26.0+ | macOS 26.0+ | tvOS 26.0+ | visionOS 26.0+ | watchOS 26.0+

```
final class NetworkBrowser<Provider> where Provider : BrowserProvider
```

Overview

Whenever services become available, get modified, or go away, the browser will generate a set of browse results tracking those changes. You can subscribe to and receive these updates as long as the browser is active.

Topics

Initializers

init(for: Provider, using: NWParameters?)

Create a browser that will browse for the service specified by a BrowserProvider, with parameters.

Instance Methods

func onStateUpdate((NetworkBrowser<Provider>, NetworkBrowser<Provider>.
State) -> Void) -> Self

Set a closure to be called when the browser's state changes.

```
func run(([Provider.Endpoint]) async throws -> Void) async throws
```

Run the browser and receive updates when when the set of discovered endpoints change.

```
func run<Return>(([Provider.Endpoint]) async throws -> NetworkBrowser<
Provider>.RunResult<Return>) async throws -> Return
```

Type Aliases

```
typealias StateUpdateHandler
```

Enumerations

```
enum RunResult
```

```
enum State
```

Possible states for the browser to be in.

Relationships

Conforms To

CustomDebugStringConvertible, Sendable, SendableMetatype