

[Apple CryptoKit](#) / HPKEDiffieHellmanPrivateKeyGeneration

Protocol

HPKEDiffieHellmanPrivateKeyGeneration

A type that represents the generation of private keys in a Diffie-Hellman key exchange.

iOS 17.0+ | iPadOS 17.0+ | Mac Catalyst 17.0+ | macOS 14.0+ | tvOS 17.0+ | visionOS 1.0+ | watchOS 10.0+

@preconcurrency

protocol HPKEDiffieHellmanPrivateKeyGeneration : HPKEDiffieHellmanPrivateKey

Topics

Initializers

init()

Creates a private key generator.

Required

Relationships

Inherits From

DiffieHellmanKeyAgreement

HPKEDiffieHellmanPrivateKey

Sendable

SendableMetatype

Conforming Types

Curve25519.KeyAgreement.PrivateKey
P256.KeyAgreement.PrivateKey
P384.KeyAgreement.PrivateKey
P521.KeyAgreement.PrivateKey