Networking Resources

⚠ This thread has been locked by a moderator.

▲
▼

👁 266

General:

- [Networking Overview](#) document — Despite the fact that this is in the archive, this is still really useful.
- [TLS for App Developers](#) DevForums post
- [Choosing a Network Debugging Tool](#) documentation
- [Low-Level Networking on watchOS](#) DevForums post

Foundation networking:

- DevForums tags: [Foundation](#), [CFNetwork](#)
- [URL Loading System](#) documentation — `NSURLSession`, or `URLSession` in Swift, is the recommended API for HTTP[S] on Apple platforms.

Network framework:

- DevForums tag: [Network](#)
- [Network](#) framework documentation — Network framework is the recommended API for TCP, UDP, and QUIC on Apple platforms.

Network Extension (including Wi-Fi on iOS):

- See [Network Extension Resources](#)

Wi-Fi on macOS:

- DevForums tag: [Core WLAN](#)
- [Core WLAN](#) framework documentation

Secure networking:

- DevForums tags: [Security](#)
- [Apple Platform Security](#) support document
- [Preventing Insecure Network Connections](#) documentation — This is all about App Transport Security.
- [Available trusted root certificates for Apple operating systems](#) support article
- [Requirements for trusted certificates in iOS 13 and macOS 10.15](#) support article
- [About upcoming limits on trusted certificates](#) support article
- Technote 2232 [HTTPS Server Trust Evaluation](#)
- Technote 2326 [Creating Certificates for TLS Testing](#)
- QA1948 [HTTPS and Test Servers](#)

Miscellaneous:

- More network-related DevForums tags: [5G](#), [QUIC](#), [Bonjour](#)
- [On FTP](#) DevForums post
- [Using the Multicast Networking Additional Capability](#) DevForums post
- [Investigating Network Latency Problems](#) DevForums post
- [Local Network Privacy FAQ](#) DevForums post

Share and Enjoy

—

Quinn "The Eskimo!" @ Developer Technical Support @ Apple

`let myEmail = "eskimo" + "1" + "@" + "apple.com"`

`Foundation` `CFNetwork` `Network`
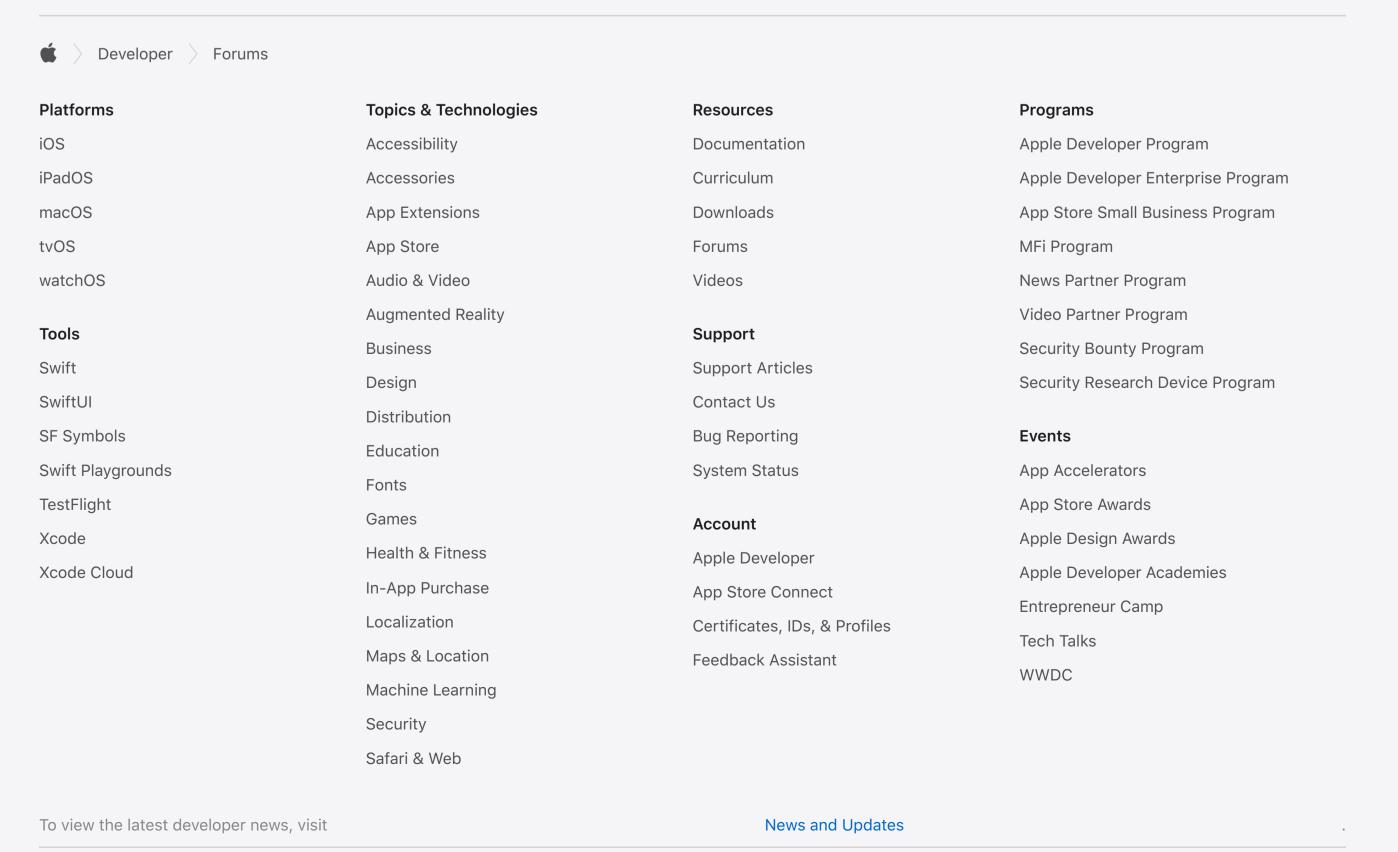
Reply

Posted 4 months ago by eskimo

| Add a Comment

  Developer > Forums

Platforms
iOS
iPadOS
macOS
tvOS
watchOS

Tools
Swift
SwiftUI
SF Symbols
Swift Playgrounds
TestFlight
Xcode
Xcode Cloud

Topics & Technologies
Accessibility
Accessories
App Extensions
App Store
Audio & Video
Augmented Reality
Business
Design
Distribution
Education
Fonts
Games
Health & Fitness
In-App Purchase
Localization
Maps & Location
Machine Learning
Security
Safari & Web

Resources
Documentation
Curriculum
Downloads
Forums
Videos

Support
Support Articles
Contact Us
Bug Reporting
System Status

Account
Apple Developer
App Store Connect
Certificates, IDs, & Profiles
Feedback Assistant

Programs
Apple Developer Program
Apple Developer Enterprise Program
App Store Small Business Program
MFi Program
News Partner Program
Video Partner Program
Security Bounty Program
Security Research Device Program

Events
App Accelerators
App Store Awards
Apple Design Awards
Apple Developer Academies
Entrepreneur Camp
Tech Talks
WWDC