

HTTP(s) Logging

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NSLogger

- <https://github.com/fpillet/NSLogger>

NSURLProtocol

- OS X 10.2.7, iOS 2.0
- Used by NSURLConnection and NSURLSession
 - Limitations
- Registration-based
- `+(BOOL)canInitWithRequest:(NSURLRequest*)`

Overriding default implementations: why

- Caching
- Content filtering
- MitM

Overriding default implementations: how

- Subclass, registration
- Evaluation order
- Sending request
- Reentrancy issues
- `+setProperty:forKey:inRequest:`

HTTPLogger

- Intercept HTTP(s) requests and responses
 - Transaction number
- Send to NSLogger
- Use MIME type to format data

In your project

- NSLogger
- HTTPLogger.h, HTTPLogger.m
- `#import "HTTPLogger.h"`
- `[HTTPLogger start];`

Demo

References

- Apple “CustomHTTPProtocol” sample code
- NSURLProtocol, Foundation’s man-in-the-middle (NSConference 2014, Matthew Robinson)

Q&A

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