Networking With NSURLSession

NSURLSession and Configuration

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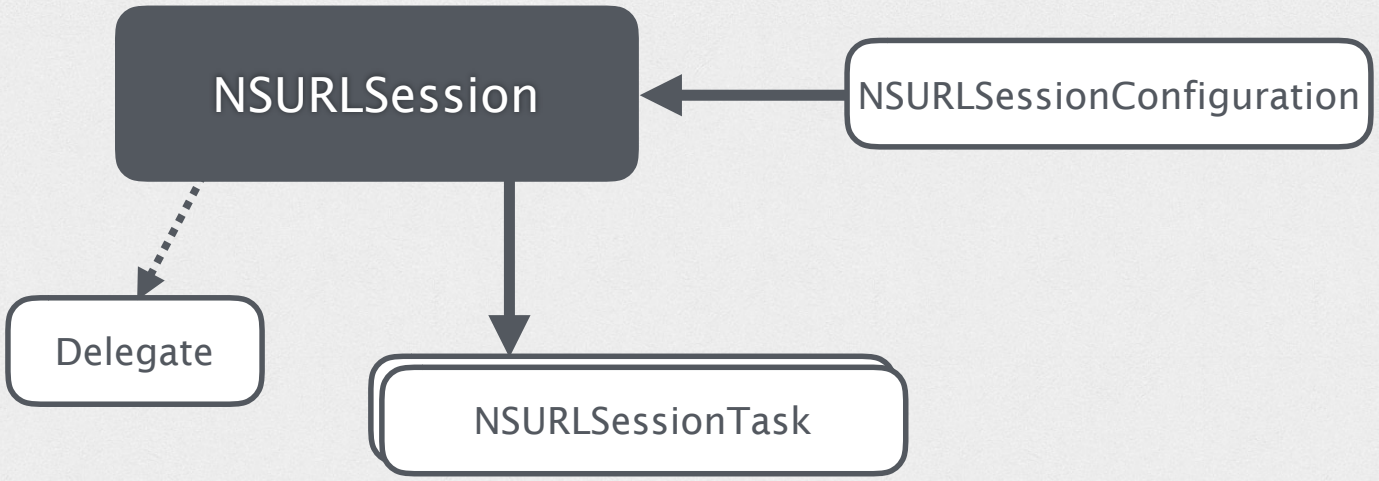
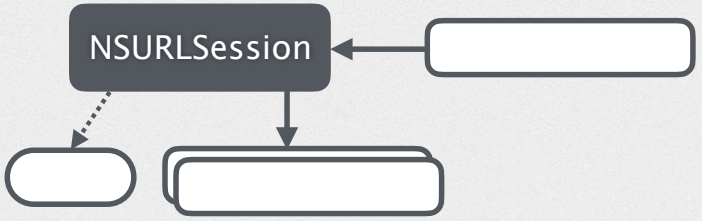
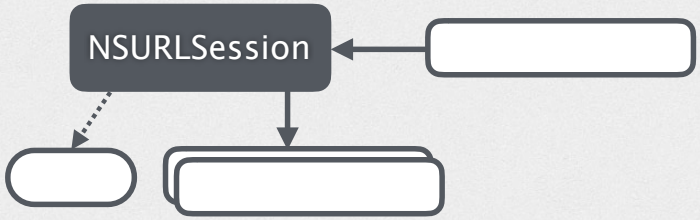
The System


NSURLSession
NSURLSessionConfiguration
Delegate
NSURLSessionTask

Multiple NSURLSessions

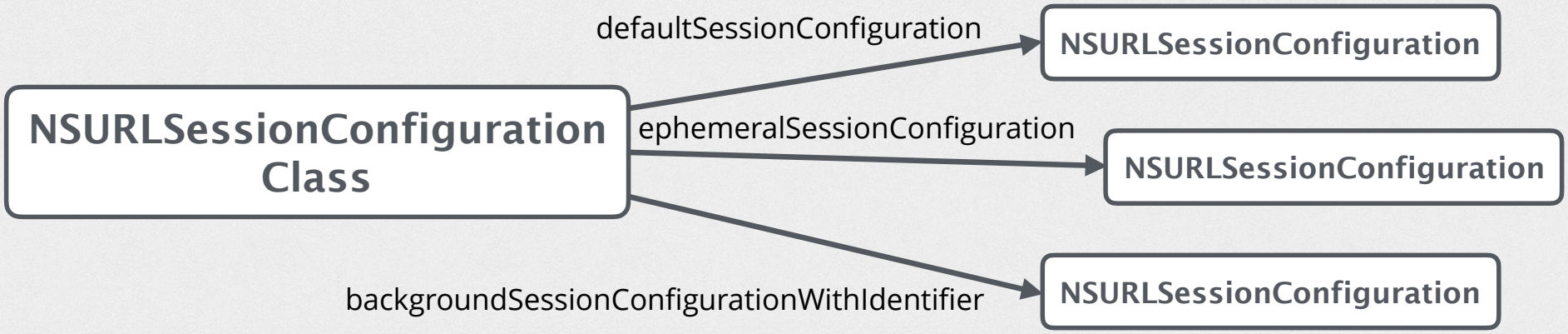


High-priority session



Low-priority session

NSURLSessionConfiguration

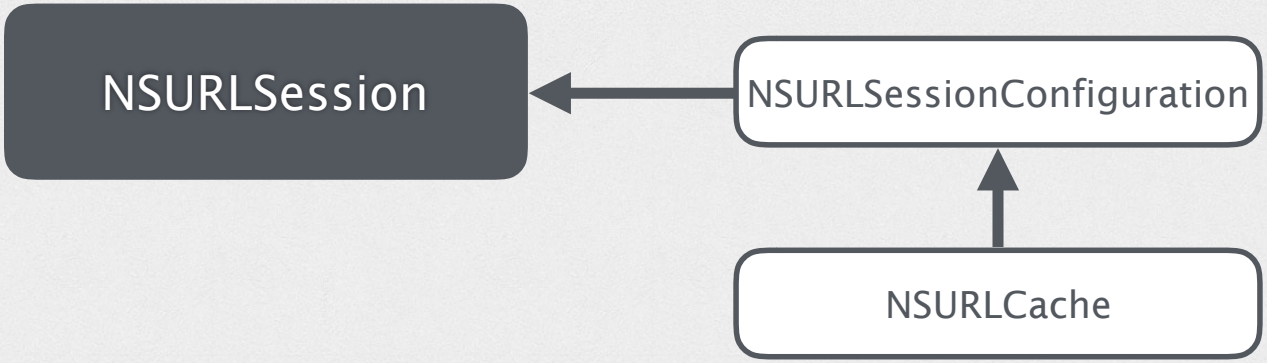



```
let configuration = NSURLSessionConfiguration.defaultSessionConfiguration()
configuration.allowsCellularAccess = false
let session = NSURLSession(configuration: configuration)

// Does not impact the existing session
configuration.allowsCellularAccess = true
```

App Transport Security

- On by default in iOS 9
- Requires secure communication
- See Tech Note for details

Demo

Challenge Time!