# Networking With NSURLSession

NSURL, NSURLRequest, and NSURLResponse

### **NSURL**

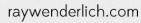
https://raywenderlich.com/videos

Scheme

Host

Path

let url = NSURL(string: urlString)



## **NSURLComponents**

https://www.raywenderlich.com/115253/swift-2-tutorial-a-quick-start https://www.raywenderlich.com/115279/swift-2-tutorial-part-2-a-simple-ios-app

```
let components = NSURLComponents(string: "https://www.raywenderlich.com")!
components.path = "/115253/swift-2-tutorial-a-quick-start"
let url1 = components.URL
components.path = "/115279/swift-2-tutorial-part-2-a-simple-ios-app"
let url2 = components.URL
```

#### **NSURLSessionConfiguration**

allowsCellularAccess = false

#### **NSURLRequest**

allowsCellularAccess = t**⋈**e

GET /115279/swift-2-tutorial-part-2-a-simple-ios-app HTTP/1.1

Host: www.raywenderlich.com

Accept: text/html

Accept-Language: en-us

Accept-Encoding: gzip, deflate

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## **NSURLResponse**

```
let task = session.dataTaskWithURL(url!) {
    (data, response, error) in
    if error != nil {
        // Used for client-side errors
    }
    // Used for server-side errors
    (response as? NSHTTPURLResponse)?.statusCode
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## Demo



# Challenge Time!

