



Mobile Engineering

Web Services

Lots of Acronyms

HyperText Transfer Protocol (HTTP)

App Transport Security (ATS)

**Web services are a client / server based
protocol for communicating between your
App (client) and a Web Based Server.**

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HTTP Protocol

HyperText Transfer Protocol

Request Methods:

GET
POST
PUT
UPDATE
DELETE

NSURLSession

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REST

Representational State Transfer

Request Methods:

GET
POST
PUT
UPDATE
DELETE

NSURL
NSURLSession
NSURLRequest

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JSON

Javascript Object Notation

lightweight data-interchange format

easily read by humans

and machines

[NSJSONSerialization Apple Docs](#)

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JSON

Javascript Object Notation

serialized

unserialized

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NSURL

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NSURLSession

Refers to a group of interdependent classes
including:

NSURLRequest

NSURLCache

NSURLSessionTask

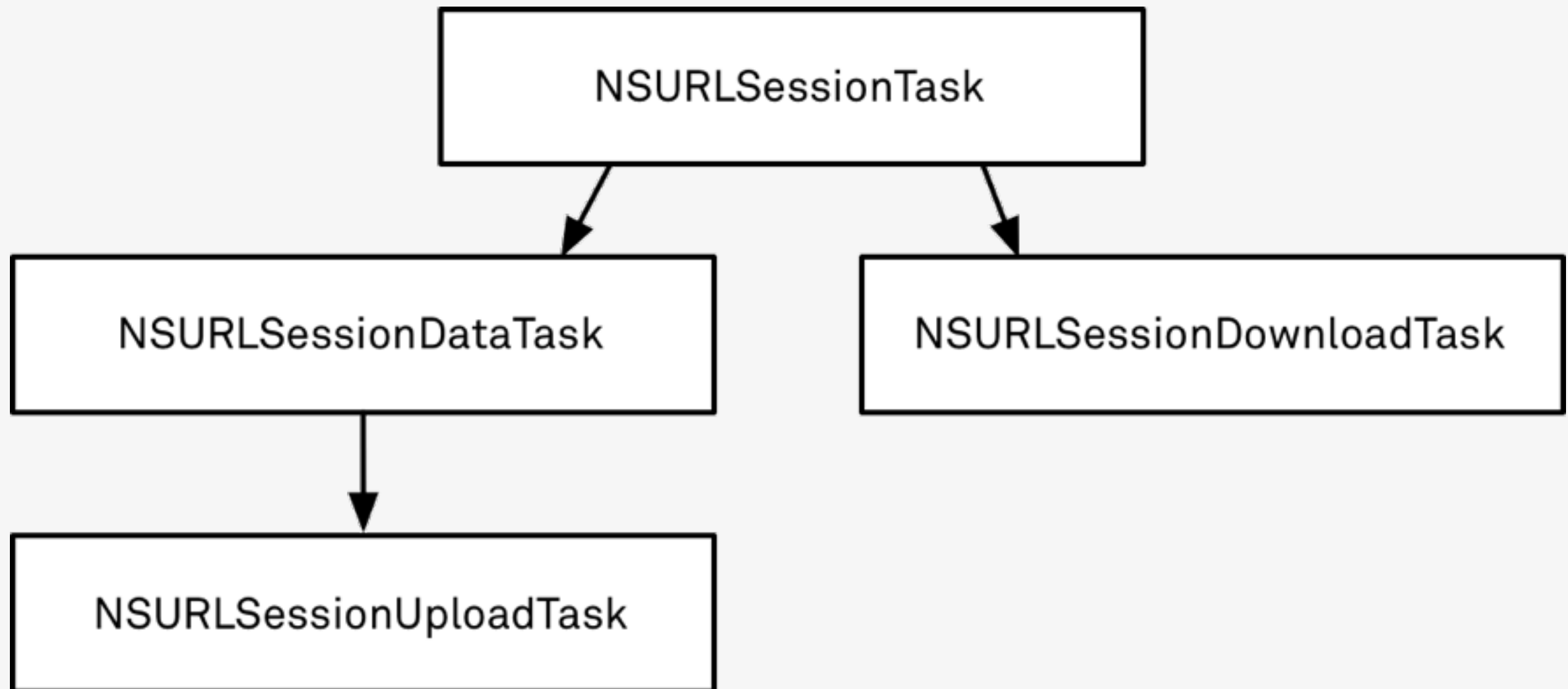
NSURLSessionDataTask

NSURLSessionUploadTask

NSURLSessionDownloadTask

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NSURLRequest

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NSJSONSerialization

Javascript

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App Transport Security (ATS)

Available in iOS 9 and above.

Lets an app **add a declaration to its Info.plist file** that specifies **the domains with which it needs secure communication.**

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