ASIHTTPRequest documentation

Last updated: 15th May 2011 (v1.8.1)

Using ASIHTTPRequest in an iOS project

1) Add the files

Copy the files you need to your project folder, and add them to your Xcode project. An overview of the ASIHTTPRequest source files appears **here**.

If you aren't sure which files you need, it's best to copy all the following files:
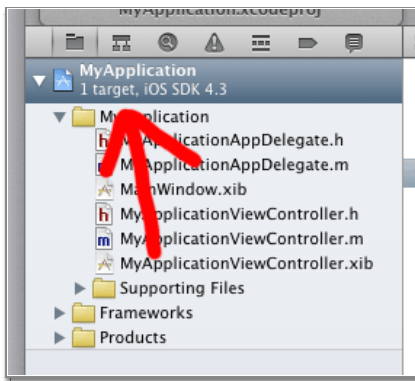
ASIHTTPRequestConfig.h

ASIHTTPRequestDelegate.h

ASIProgressDelegate.h

ASICacheDelegate.h

ASIHTTPRequest.h

ASIHTTPRequest.m

ASIDataCompressor.h

ASIDataCompressor.m

ASIDataDecompressor.h

ASIDataDecompressor.m

ASIFormDataRequest.h

ASIInputStream.h

ASIInputStream.m

ASIFormDataRequest.m

ASINetworkQueue.h

ASINetworkQueue.m

ASIDownloadCache.h

ASIDownloadCache.m

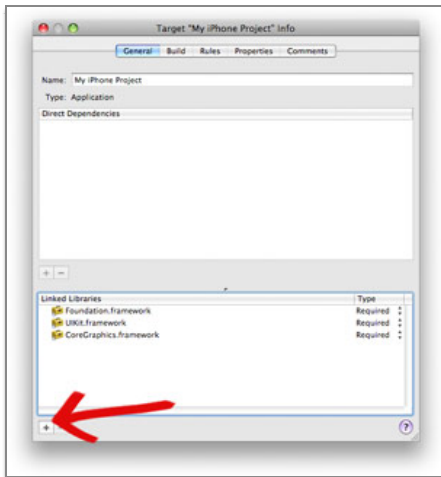iPhone projects must also include:

ASIAuthenticationDialog.h

ASIAuthenticationDialog.m

Reachability.h (in the External/Reachability folder)

Reachability.m (in the External/Reachability folder)

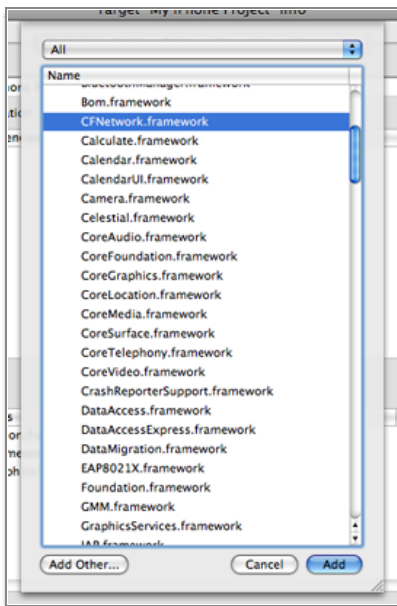### 2) Link with CFNetwork, SystemConfiguration, MobileCoreServices, CoreGraphics and zlib

Open the settings for your target by clicking on the blue bar at the very top of the Xcode sidebar:

Open the *Build Phases* tab, expand the box labeled *Link Binary With Libraries* then click the plus button.

Choose *CFNetwork.framework* from the list, and click Add:

Repeat the last two steps to add the following: *SystemConfiguration.framework*, *MobileCoreServices.framework*, *CoreGraphics.framework* and *libz.dylib*.

Using ASIHTTPRequest in a Mac OS X project

To use ASIHTTPRequest in a Mac project, you'll need to link against:

- SystemConfiguration.framework + zlib (as above)
- CoreServices.framework
  CFNetwork is part of the CoreServices framework on Mac OS X. Unless you are writing a console-based application, your application is probably already setup to link with CoreServices, but if not, simply add CoreServices.framework in the same way as described above.

Building the tests

Most users can skip this part!

The tests that come with ASIHTTPRequest primarily exist for my benefit, so I can check I haven't broken something when I make changes. You only need to run the tests if you are making changes to ASIHTTPRequest, or want to confirm that something is working as expected.

ASIHTTPRequest uses **Gabriel Handford's** wonderful **GHUnit framework** for running tests.

As of v1.8-50, GHUnit is no longer included as a git submodule. Instead, build scripts automatically download a pre-compiled framework if one does not already exist locally. If you would prefer to build GHUnit yourself, simply **grab a copy from GitHub**, and drop your built framework in External/GHUnit.

Some of the tests require additional information to run:

- To run the S3 tests, you need to specify your S3 access details in the top of ASIS3RequestTests.m
- To run the proxy tests, you need to specify details of your proxy server, and a PAC file if you want to run the PAC tests. Note that the proxy tests require a proxy server, while all the other tests require that you don't have a proxy server.