

Fixing the FMX TWebBrowser issue on iOS 9

Update: You now optionally add additional keys in the iOS9Fix_config.txt file

Linking against iOS 9 introduces the new [Application Transport Security](#) feature that enforces a secure network connection. This means that in a default RAD Studio 10 Seattle project, the default TWebBrowser but also our TTMSFMXWebBrowser, TTMSFMXWebGMaps, TTMSFMXWebOSMaps components and the TMS Cloud Pack for FireMonkey cloud services can no longer make a connection to the web. A solution for this issue is to add the following key to the Info.plist file:

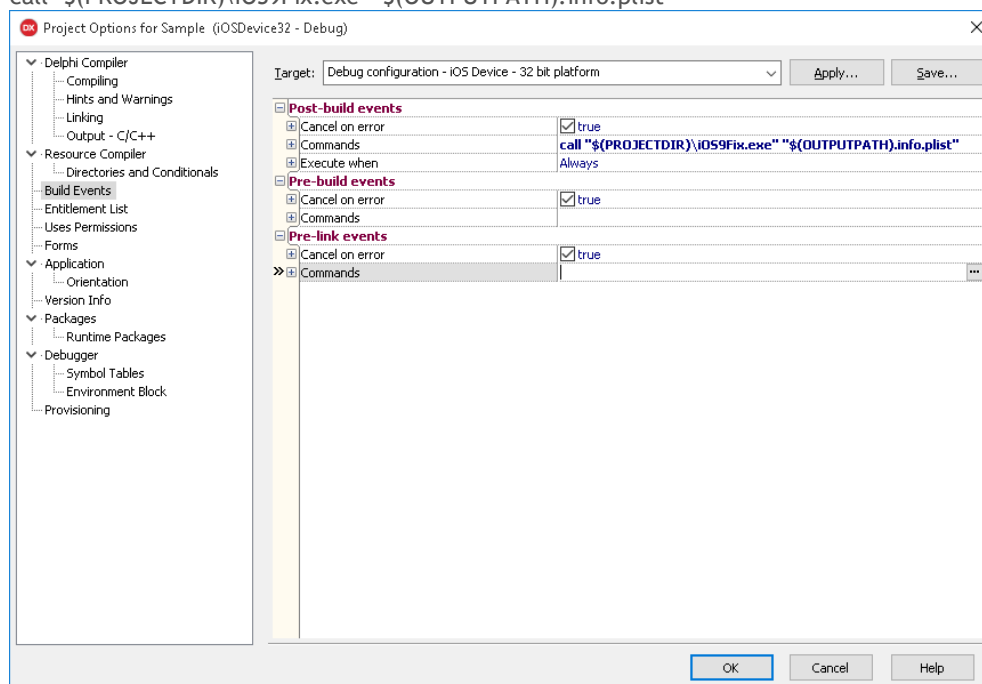
```
<key>NSAppTransportSecurity</key>
<dict>
  <key>NSAllowsArbitraryLoads</key>
  <true/>
</dict>
```

As the Info.plist is automatically generated based on the project options, there is no option to specify a boolean key in a dictionary. To make sure the Info.plist file contains the correct keys in order to link against iOS 9 we have created an iOS9Fix command line executable and a post-build command.

1) Copy the iOS9Fix.exe & iOS9Fix_config.txt to the project directory.

Name	Date modified	Type	Size
iOS9Fix.exe	9/23/2015 11:18 AM	Application	4,735 KB
Sample.dpr	9/23/2015 10:44 AM	Delphi Project File	1 KB
Sample.dproj	9/23/2015 10:44 AM	Delphi Project File	64 KB
Sample.res	9/23/2015 10:50 AM	Compiled Resourc...	1 KB
USample.fmx	9/23/2015 10:44 AM	FireMonkey Form	1 KB
USample.pas	9/23/2015 10:44 AM	Delphi Source File	1 KB

2) Add the following post-build command to your project options.
call "\$(PROJECTDIR)\iOS9Fix.exe" "\$(OUTPUTPATH).info.plist"



If the above steps are executed correctly, your application should then be able to make a connection with one of the components mentioned in this blog post.

The solution with the above instructions can be downloaded at <http://www.tmssoftware.net/public/iOS9Fix.zip>