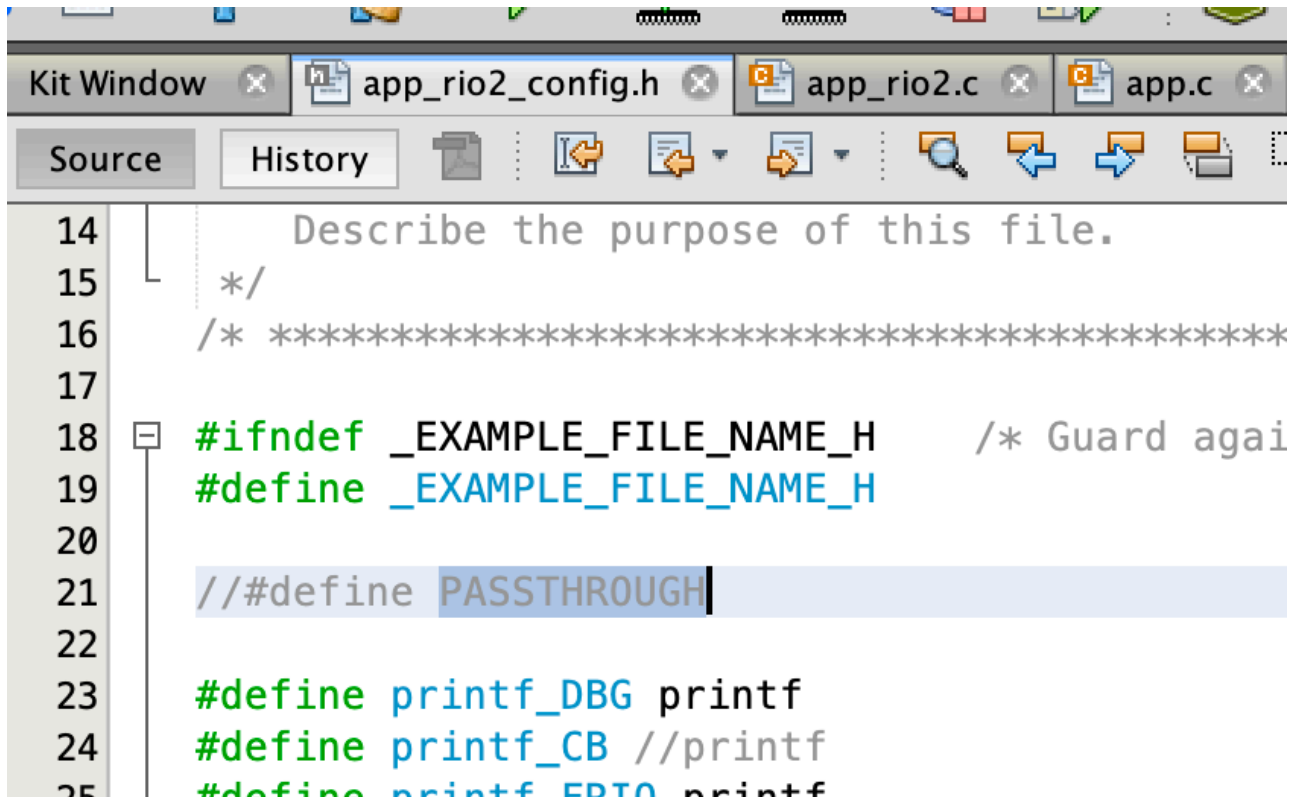


Getting Device Certificate

Wednesday, December 21, 2022

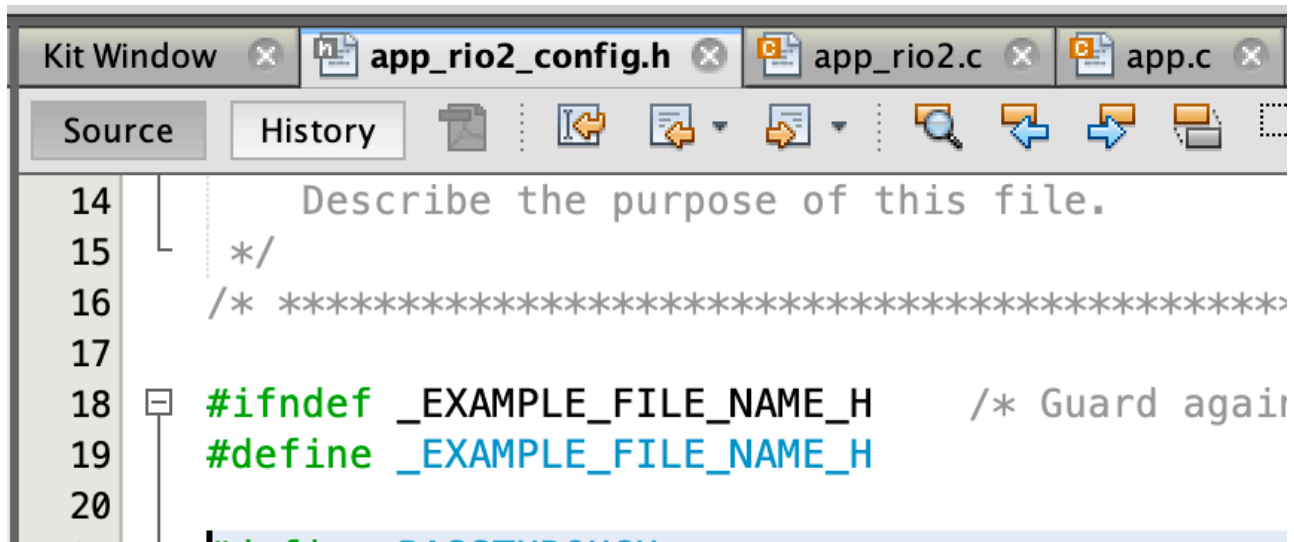
8:06 AM

In app_rio2_config.h. enable PASSTHROUGH



The screenshot shows an IDE window titled 'Kit Window' with several tabs: 'app_rio2_config.h', 'app_rio2.c', and 'app.c'. The 'app_rio2_config.h' tab is active, showing a C header file. The code includes a comment 'Describe the purpose of this file.' followed by a multi-line comment '/* *****'. A guard for '_EXAMPLE_FILE_NAME_H' is present. The line '//#define PASSTHROUGH' is highlighted in blue, indicating it has been selected or is being edited. Below this, there are definitions for 'printf_DBG', 'printf_CB', and 'printf_FDT0'.

```
14 | Describe the purpose of this file.
15 | */
16 | /* *****
17 |
18 | #ifndef _EXAMPLE_FILE_NAME_H /* Guard again
19 | #define _EXAMPLE_FILE_NAME_H
20 |
21 | //define PASSTHROUGH
22 |
23 | #define printf_DBG printf
24 | #define printf_CB //printf
25 | #define printf_FDT0 printf
```



This screenshot is identical to the one above, showing the same IDE window and code. The line '//define PASSTHROUGH' is highlighted in blue.

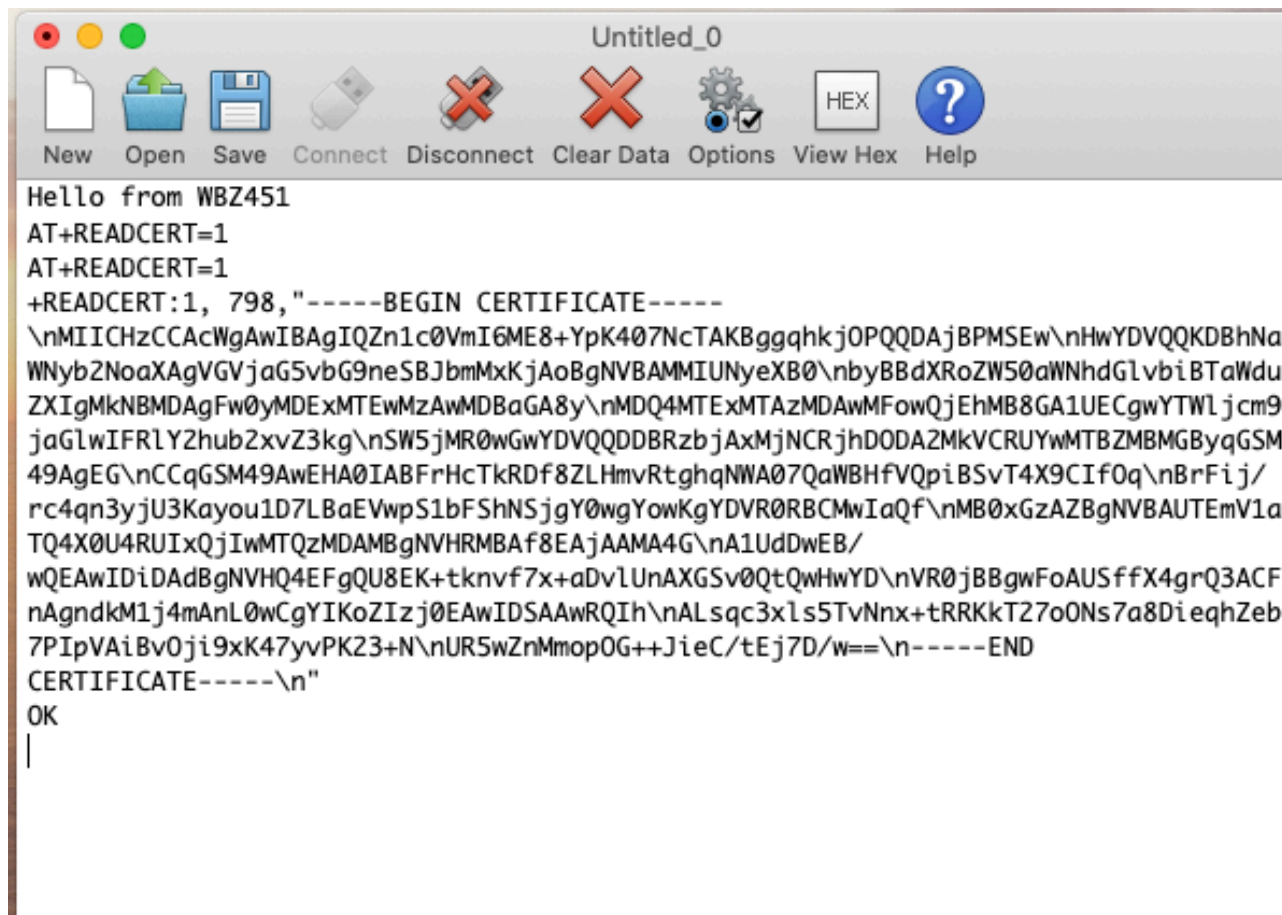
```
14 | Describe the purpose of this file.
15 | */
16 | /* *****
17 |
18 | #ifndef _EXAMPLE_FILE_NAME_H /* Guard again
19 | #define _EXAMPLE_FILE_NAME_H
20 |
21 | //define PASSTHROUGH
22 |
23 | #define printf_DBG printf
24 | #define printf_CB //printf
25 | #define printf_FDT0 printf
```

```

21  #define PASSTHROUGH
22
23  #define printf_DBG printf
24  #define printf_CB //printf
25  #define printf_FRIO printf
26  #define printf_2RIO printf

```

In Terminal window (115,200), type AT+READCERT=1 to read Device Certificate



```

Hello from WBZ451
AT+READCERT=1
AT+READCERT=1
+READCERT:1, 798,"-----BEGIN CERTIFICATE-----
\nMIICHZCCAcWgAwIBAgIQZn1c0VmI6ME8+YpK407NcTAKBggqhkJOPQQDAjBPMSEw\nHwYDVQQKDBhNa
WNYb2NoaXAgaGVjZG9neSBjb2N0bWVudDQ4MTExMTAzMDAwMFowQjEhMB8GA1UECgwYTWljcm9
ZXIgaGknbWVudDQ4MTExMTAzMDAwMFowQjEhMB8GA1UECgwYTWljcm9
jaGlwIFRlY2hub2xvZ3kg\nSW5jMR0wGwYDVQQDDBRzbjAxMjNCRjhDODA2MkVCRUYwMTBZMBMGBYqGSM
49AgEG\nCCqGSM49AwEHA0IABFrHcTkRdf8ZLHmvRtghqNWA07QaWBHfVQpiBSvT4X9CIfoq\nnBrFij/
rc4qn3yju3Kayou1D7LbaEVwpS1bFShNSjgY0wgYowKgYDVR0RBCMwIaQf\nnMB0xGzAZBgNVBAUTEmV1a
TQ4X0U4RUixQjIwMTQzMdAMBGNVHRMBAf8EAjAAMA4G\nA1UdDwEB/
wQEAWIDiDAdbGnVHQ4EFgQU8EK+tknvf7x+aDv1UnAXGSv0QtQwHwYD\nnVR0jBBgwFoAUSffX4grQ3ACF
nAgndkM1j4mAnL0wCgYIKoZIzj0EAwIDSAAwRQIh\nnALSqc3xlS5TvNnx+tRRKkT27o0Ns7a8DieqhZeb
7PIpVAiBv0ji9xK47yvPK23+N\nnUR5wZnMmopOG++JieC/tEj7D/w==\nn-----END
CERTIFICATE-----\n"
OK
|

```

Copy everything from -----BEGIN CERTIFICATE----- to -----END CERTIFICATE-----

Paste this into a text editor. You will need to replace all instance of "\n" with CR (Carriage Return)



```
-----BEGIN CERTIFICATE-----
MIICHzCCAcWgAwIBAgIQZn1c0Vml6ME8+YpK407NcTAKBggqhkiO
PQQDAjBPMSEw\nHwYDVQQKDBhNaWNyb2NoaXAqVGVjaG5vbG9ne
SBJbmMxKjAoBgNVBAMMIUNyeXB0\nbyBBdXRoZW50aWNhdGlvbiB
TaWduZXIqMkNBMDAgFw0yMDEwMTExMTEwMzAwMDBaGA8y\nMDQ4MT
ExMTAzMDAwMFowQjEhMB8GA1UECgwYTWlicm9jaGlwIFRIY2hub2x
vZ3kg\nSW5iMR0wGwYDVQQDDBRzbiAxMjNCRihDODA2MkVCRUYw
MTBZMBMGBYqGSM49AgEG\nCCqGSM49AwEHA0IABFrHcTkRDf8ZL
HmvRtghqNWA07QaWBHfVQpiBSvT4X9CIfOq\nBrFij/
rc4qn3yjU3Kayou1D7LBaEVwpS1bFShNSjgY0wgYowKgYDVR0RBCM
wlaQf\nMB0xGzAZBgNVBAUTEmV1aTQ4X0U4RUlxQjIwMTQzMDAMB
gNVHRMBAf8EAjAAMA4G\nA1UdDwEB/
wQEAWlDiDAdBgNVHQ4EFgQU8EK+tknvf7x+aDvIUnAXGSv0QtQwHw
YD\nVR0jBBgwFoAUSffX4grQ3ACFnAgndkM1j4mAnL0wCgYIKoZlZj0E
AwIDSAAwRQIh\nALsqc3xls5TvNnx+tRRKkT27oONs7a8DieghZeb7Plp
VAiBvOji9xK47yvPK23+N\nUR5wZnMmopOG++JieC/tEj7D/w==\n-----
END CERTIFICATE-----
```

That would look like this, Save as a MyDevCert.cer

```
-----BEGIN CERTIFICATE-----
MIICHzCCAcWgAwIBAgIQZn1c0Vml6ME8+YpK407NcTAKBggqhkiOPQQDAjBPMSEw
HwYDVQQKDBhNaWNyb2NoaXAqVGVjaG5vbG9neSBJbmMxKjAoBgNVBAMMIUNyeXB0
byBBdXRoZW50aWNhdGlvbiBTaWduZXIqMkNBMDAgFw0yMDEwMTExMTEwMzAwMDBaGA8y
MDQ4MTExMTAzMDAwMFowQjEhMB8GA1UECgwYTWlicm9jaGlwIFRIY2hub2xvZ3kg
SW5iMR0wGwYDVQQDDBRzbiAxMjNCRihDODA2MkVCRUYwMTBZMBMGBYqGSM49AgEG
CCqGSM49AwEHA0IABFrHcTkRDf8ZLHmvRtghqNWA07QaWBHfVQpiBSvT4X9CIfOq
BrFij/rc4qn3yjU3Kayou1D7LBaEVwpS1bFShNSjgY0wgYowKgYDVR0RBCMwlaQf
MB0xGzAZBgNVBAUTEmV1aTQ4X0U4RUlxQjIwMTQzMDAMBgNVHRMBAf8EAjAAMA4G
A1UdDwEB/wQEAWlDiDAdBgNVHQ4EFgQU8EK+tknvf7x+aDvIUnAXGSv0QtQwHwYD
VR0jBBgwFoAUSffX4grQ3ACFnAgndkM1j4mAnL0wCgYIKoZlZj0EAWIDSAAwRQIh
ALsqc3xls5TvNnx+tRRKkT27oONs7a8DieghZeb7PlpVAiBvOji9xK47yvPK23+N
UR5wZnMmopOG++JieC/tEj7D/w==
-----
END CERTIFICATE-----
```

-----END CERTIFICATE-----

0A -MP -MMU -MF "build/sam_e54_xpro_winc. CCQ93MFZAWENAOIADUZZJ