

GM: Constructor

GM: Wed Sep 09 01:14:24 2020

RSTD.Transmit("/Settings")

[01:14:36]

[01:14:36] ### Running Startup script:

"C:\ti\mmwave_studio_03_00_00_07\mmWaveStudio\Scripts\Startup.lua" ###

[01:14:36] RSTD.SetAndTransmit ("/Settings/Scripter/Display DateTime" , "1")

[01:14:36] RSTD.SetAndTransmit ("/Settings/Scripter/DateTime Format" , "HH:mm:ss")

[01:14:36] Scripter ignored: Attempt to UnBuild() again or before Build.

[01:14:36] RSTD.SetVar ("/Settings/Clients/Client 0/Dll" ,

"C:\\ti\\mmwave_studio_03_00_00_07\\mmWaveStudio\\Clients\\LabClient.dll")

[01:14:36] RSTD.SetVar ("/Settings/Clients/Client 0/Use" , "TRUE")

[01:14:36] RSTD.SetVar ("/Settings/Clients/Client 1/Use" , "FALSE")

[01:14:36] RSTD.SetVar ("/Settings/Clients/Client 2/Use" , "FALSE")

[01:14:36] RSTD.SetVar ("/Settings/Clients/Client 3/Use" , "FALSE")

[01:14:36] RSTD.SetVar ("/Settings/Clients/Client 4/Use" , "FALSE")

[01:14:36] RSTD.SetVar ("/Settings/AL Client/AL Dll" ,

"C:\\ti\\mmwave_studio_03_00_00_07\\mmWaveStudio\\RunTime\\SAL.dll")

[01:14:37] RSTD.SetVar ("/Settings/Clients/Client 0/GuiDll" , "")

[01:14:37] RSTD.SetVar ("/Settings/AutoUpdate/Enabled" , "TRUE")

[01:14:37] RSTD.SetVar ("/Settings/AutoUpdate/Interval" , "1")

[01:14:37] RSTD.SetVar ("/Settings/Monitors/UpdateDisplay" , "TRUE")

[01:14:37] RSTD.SetVar ("/Settings/Monitors/OneClickStart" , "TRUE")

[01:14:37] RSTD.SetVar ("/Settings/Automation/Automation Mode" , "false")

[01:14:37] RSTD.Transmit("/")

[01:14:37] RSTD.SaveSettings(): Settings saved to

"C:\Users\SONY\AppData\Roaming\RSTD\config.xml"

[01:14:37] RSTD.Build()

[01:14:37] RSTD.SaveSettings(): Settings saved to

"C:\Users\SONY\AppData\Roaming\RSTD\config.xml"

[01:14:37] RSTD.Transmit("/")

[01:14:37] RSTD.AL_Build()

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[01:14:37] RSTD.AL_LoadXml()
[01:14:37] RSTD.Transmit("/")
[01:14:37] RSTD.AL_Init()
[01:14:37] RSTD.Clients_Build()
[01:14:37] GM: Init
[01:14:37] GM: Loaded
'C:\ti\mmwave_studio_03_00_00_07\mmWaveStudio\Clients\LabClient.dll'
[01:14:37] GM: 1 Guest (s) init
[01:14:37] GM: 1 Module(s) init
[01:14:37] GM: 2 Tab (s) init
[01:14:37] RSTD.Client_LoadXml()
[01:14:37] [RadarAPI]: ar1.selectRadarMode(0)
[01:14:37] [RadarAPI]: Status: Passed
[01:14:37] Matlab Runtime Engine is installed
[01:14:38] [RadarAPI]: Starting Matlab Engine..
[01:14:55] [RadarAPI]: Matlab Engine Started!
[01:15:01] [RadarAPI]: ar1.selectCascadeMode(0)
[01:15:01] [RadarAPI]: Status: Passed
[01:15:01] [RadarAPI]:
ar1.LoadSettings('C:\Users\SONY\AppData\Roaming\RSTD\ar1gui.ini')
[01:15:02] TESTING = false
[01:15:02] RstdNet: Port 2777: Listening..
[01:15:02]
[01:15:02] ***Script completed successfully.***
[01:15:10] [RadarAPI]: Opening Gpio Control Port()
[01:15:10] [RadarAPI]: Status: Passed
[01:15:10] [RadarAPI]: Opening Board Control Port()
[01:15:10] [RadarAPI]: Status: Passed
[01:15:11] [RadarAPI]: ar1.FullReset()
[01:15:11] [RadarAPI]: Status: Passed
[01:15:12] [RadarAPI]: Closing Board Control Port()
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[01:15:12] [RadarAPI]: Status: Passed
[01:15:12] [RadarAPI]: Closing Gpio Control Port()
[01:15:12] [RadarAPI]: Status: Passed
[01:15:12] [RadarAPI]: ar1.SOPControl(2)
[01:15:12] [RadarAPI]: Status: Passed
[01:15:13] [RadarAPI]: ar1.Connect(3,921600,1000)
[01:15:15] [RadarAPI]: Warning: Connected with baudrate 115200
[01:15:17] [RadarAPI]: Warning: Disconnected existing BaudRate
[01:15:17] [RadarAPI]: Warning: Trying to connect with baudrate 921600
[01:15:18] [RadarAPI]: ar1.Calling_IsConnected()
[01:15:19] [RadarAPI]: ar1.SelectChipVersion("AR1243")
[01:15:19] [RadarAPI]: Status: Passed
[01:15:19] [RadarAPI]: ar1.SelectChipVersion("AR1243")
[01:15:19] [RadarAPI]: Status: Passed
[01:15:19] [RadarAPI]: ar1.deviceVariantSelection("XWR2243")
[01:15:19] [RadarAPI]: Status: Passed
[01:15:20] [RadarAPI]: ar1.frequencyBandSelection("77G")
[01:15:20] [RadarAPI]: ar1.SelectChipVersion("XWR2243")
[01:15:20] [RadarAPI]: Status: Passed
[01:15:20] Device Status : XWR2243/ASIL-B/SOP:2/ES:1
[01:15:20] [RadarAPI]:
ar1.SaveSettings('C:\Users\SONY\AppData\Roaming\RSTD\arlgui.ini')
[01:15:22] [RadarAPI]: ar1.ReadRegister(0xffffe214, 0, 31)
[01:15:22] [RadarAPI]: ar1.ReadRegister(0xffffe210, 0, 31)
[01:15:22] [RadarAPI]: ar1.ReadRegister(0xffffe218, 0, 31)
[01:15:22] [RadarAPI]:
ar1.DownloadBSSFw("C:\\ti\\mmwave_studio_03_00_00_07\\mmWaveStudio\\Scripts\\..\\..\\rf_eval_firmware\\radarss\\xwr22xx_radarss.bin")
[01:15:23] [RadarAPI]: Downloading BSS ROM RPRC Binary..
[01:15:30] [RadarAPI]: ar1.GetBSSFwVersion()
[01:15:30] [RadarAPI]: BSSFwVersion:(02.01.05.16 (09/01/20))
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[01:15:31] BSS FW Download Success

[01:15:31] [RadarAPI]:
ar1.DownloadMSSFw("C:\\ti\\mmwave_studio_03_00_00_07\\mmWaveStudio\\Scripts\\...\\r
f_eval_firmware\\masterss\\xwr22xx_masterss.bin")

[01:15:31] [RadarAPI]: Downloading MSS RPRC Binary..

[01:15:34] [RadarAPI]: ar1.GetMSSFwVersion()

[01:15:34] [RadarAPI]: MSSFwVersion:(02.01.05.10 (23/01/20))

[01:15:34] MSS FW Download Success

[01:15:35] [RadarAPI]: ar1.PowerOn(0, 1000, 0, 0)

[01:15:35] [RadarAPI]: Status: Passed

[01:15:35] MSS power up done async event received!

[01:15:35] Power On Success

[01:15:36] [RadarAPI]: ar1.SelectChipVersion("AR1243")

[01:15:36] [RadarAPI]: Status: Passed

[01:15:36] [RadarAPI]: ar1.SelectChipVersion("XWR2243")

[01:15:36] [RadarAPI]: Status: Passed

[01:15:36] Device Status : XWR2243/ASIL-B/SOP:2/ES:1

[01:15:36] [RadarAPI]: ar1.RfEnable()

[01:15:36] [RadarAPI]: Status: Passed

[01:15:36] BSS power up done async event received!

[01:15:37] [RadarAPI]: ar1.GetMSSFwVersion()

[01:15:37] [RadarAPI]: MSSFwVersion:(02.01.05.10 (23/01/20))

[01:15:37] [RadarAPI]: ar1.GetBSSFwVersion()

[01:15:37] [RadarAPI]: BSSFwVersion:(02.01.05.16 (09/01/20))

[01:15:38] RF Enable Success

[01:15:38] [RadarAPI]: ar1.ChanNAdcConfig(1, 0, 0, 1, 1, 1, 1, 2, 1, 0)

[01:15:38] [RadarAPI]: Status: Passed

[01:15:38] ChanNAdcConfig Success

[01:15:38] [RadarAPI]: ar1.LPModConfig(0, 0)

[01:15:38] [RadarAPI]: Status: Passed

[01:15:38] Regular mode Cfg Success

[01:15:38] [RadarAPI]: ar1.RfInit()
[01:15:38] RF Init async event received!
[01:15:38] [RadarAPI]: Time stamp, Temperture: 2373,39; APLL Status, Update: 1, 0; SynthVCO1 Status, Update: 1, 1; SynthVCO2 Status, Update: 1, 1; LODist Status, Update: 1, 1; RxADCCDC Status, Update: 1, 1; HPFcutoff Status, Update: 1, 1; LPFcutoff Status, Update: 1, 1; PeakDetector Status, Update: 1, 1; TxPower Status, Update: 1, 1; RxGain Status, Update: 1, 1; TxPhase Status, Update: 1, 1; RxIQMM Status, Update: 1, 1;
[01:15:39] [RadarAPI]: Status: Passed
[01:15:39] RfInit Success
[01:15:40] [RadarAPI]: ar1.DataPathConfig(1, 1, 0)
[01:15:40] [RadarAPI]: Status: Passed
[01:15:40] DataPathConfig Success
[01:15:40] [RadarAPI]: ar1.LvdsClkConfig(1, 1)
[01:15:40] [RadarAPI]: Status: Passed
[01:15:40] LvdsClkConfig Success
[01:15:40] [RadarAPI]: ar1.LVDSLaneConfig(0, 1, 1, 1, 1, 1, 0, 0)
[01:15:40] [RadarAPI]: Status: Passed
[01:15:40] LVDSLaneConfig Success
[01:15:41] [RadarAPI]: ar1.ProfileConfig(0, 77, 100, 6, 60, 0, 0, 0, 0, 0, 0, 29.982, 0, 256, 10000, 0, 0, 94)
[01:15:41] [RadarAPI]: Status: Passed
[01:15:41] ProfileConfig Success
[01:15:41] [RadarAPI]: ar1.ChirpConfig(0, 0, 0, 0, 0, 0, 0, 1, 0, 0)
[01:15:41] [RadarAPI]: Status: Passed
[01:15:41] ChirpConfig Success
[01:15:41] Test Source Already Disabled...!!!
[01:15:41] [RadarAPI]: ar1.DisableTestSource(0)
[01:15:41] [RadarAPI]: Status: Passed
[01:15:41] [RadarAPI]: ar1.FrameConfig(0, 0, 128, 128, 40, 0, 1)
[01:15:41] [RadarAPI]: Status: Passed
[01:15:42] FrameConfig Success
[01:15:42] [RadarAPI]: ar1.SelectCaptureDevice("DCA1000")

[01:15:42] [RadarAPI]: Status: Passed

[01:15:42] SelectCaptureDevice Success

[01:15:42] [RadarAPI]: ar1.CaptureCardConfig_EthInit("192.168.33.30",
"192.168.33.180", "c:22:38:4e:5a:c", 4096, 4098)

[01:15:42] [RadarAPI]: Sending fpga command to DCA1000

[01:15:42] [RadarAPI]:

[01:15:42] FPGA Configuration command : Success

[01:15:42] [RadarAPI]: Sending fpga_version command to DCA1000

[01:15:42] [RadarAPI]:

[01:15:42]

[01:15:42] FPGA Version : 2.8 [Record]

[01:15:42]

[01:15:42] CaptureCardConfig_EthInit Success

[01:15:42] [RadarAPI]: ar1.CaptureCardConfig_Mode(1, 1, 1, 2, 3, 0)

[01:15:42] [RadarAPI]: Sending fpga command to DCA1000

[01:15:42] [RadarAPI]:

[01:15:42] FPGA Configuration command : Success

[01:15:42] CaptureCardConfig_Mode Success

[01:15:42] [RadarAPI]: ar1.CaptureCardConfig_PacketDelay(25)

[01:15:42] [RadarAPI]: Sending fpga command to DCA1000

[01:15:43] [RadarAPI]:

[01:15:43] FPGA Configuration command : Success

[01:15:43] [RadarAPI]: Sending record command to DCA1000

[01:15:43] [RadarAPI]:

[01:15:43] Configure Record command : Success

[01:15:43] CaptureCardConfig_PacketDelay Success

[01:15:43] [RadarAPI]:
ar1.CaptureCardConfig_StartRecord("C:\\ti\\mmwave_studio_03_00_00_07\\mmWaveStudio\\Sc
ripts\\..\\PostProc\\adc_data.bin", 1)

[01:15:43] [RadarAPI]: Sending start_record command to DCA1000

[01:15:43] [RadarAPI]: Status: Passed

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[01:15:44] [RadarAPI]: ar1.StartFrame()

[01:15:44] [RadarAPI]: Status: Passed

[01:15:44] Frame start async event received!

[01:15:49] Frame End async event received!

[01:15:49] [RadarAPI]: Frame Ended

[01:15:49] Please wait for a few seconds for matlab post processing .....!!!!

[01:15:49] [RadarAPI]: Error: The process cannot access the file because it is being
used by another process.

[01:15:49] Trace:

[01:15:49]      at System.IO.__Error.WinIOError(Int32 errorCode, String maybeFullPath)

[01:15:49]      at System.IO.__Error.WinIOError()

[01:15:49]      at System.IO.File.InternalMove(String sourceFileName, String
destFileName, Boolean checkHost)

[01:15:49]      at AR1xController.ChirpConfigTab.GetNumOfFilesCaptured(String
adc_file_path)

[01:15:49]      at AR1xController.frmAR1Main.iStartMtlabPostProc()

[01:15:59]

[01:15:59] ***Script completed successfully.***
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