



Ken Eckert <eckertkp@gmail.com>

Re: [TekScopes] TDS3000 Screen Shots VIA VB VISA Code?

5 messages

David Kuhn <Daveyk021@gmail.com>

Wed, Aug 31, 2022 at 6:08 PM

Reply-To: TekScopes@groups.io

To: TekScopes@groups.io

Success!!!!

```

'-----
Sub tdsSnapShot()
Dim SrnImage As Image
Dim pngFilePart As Byte
Dim strTest As String
Dim FF As Integer
Dim binData As Byte
Dim binData1 As Variant
Dim EndPNG As String * 4
Dim EndPNGLoop As Integer
Dim PNGEnd As String * 4
Dim txtTemp As String
Dim EndCounter As Integer
'
PNGEnd = "IEND"
Set ioMgr = New VisaComLib.ResourceManager
Set Scope = New VisaComLib.FormattedIO488
' Address
Set Scope.IO = ioMgr.Open(Trim(TDSAdr))
'
If Dir("C:\temp\test.png") = "test.png" Then
    Kill "C:\temp\test.png"
End If
FF = FreeFile
Open "C:\temp\test.png" For Output As #FF
'
looptimes = 0: EndPNG = "": EndPNGLoop = 0: EndCounter = 0
On Error GoTo CloseFile
'
Scope.IO.timeout = 5000
Scope.WriteString ("HARDCOPY:port gpib")
Scope.WriteString ("HARDCOPY:layout portrait")
Scope.WriteString ("HARDCOPY:format PNG")
Scope.WriteString ("HARDCOPY:compression OFF")
Scope.WriteString ("HARDCOPY:inksaver ON")
Scope.WriteString ("HARDCOPY:pallet normal")
Scope.WriteString ("WAV:STR OFF")
Scope.WriteString ("HARDCOPY START")
'
Do
    binData1 = Scope.IO.Read(1)
    Print #FF, Chr$(binData1(0));
    'Print #FF, Chr$(binData);
    EndPNGLoop = EndPNGLoop + 1
    '
    If EndPNGLoop = 5 Then
        txtTemp = Right(txtTemp, 3)
        EndPNGLoop = 4
    End If

```

```
txtTemp = txtTemp + Chr$(binData1(0))

If InStr(txtTemp, PNGEnd) > 0 Or EndCounter > 0 Then
  EndCounter = EndCounter + 1
End If
looptimes = looptimes + 1
If EndCounter = 4 Then
  Exit Do
End If
'
Loop
'
CloseFile:
EndFile:
Close #FF
'
Scope.FlushRead
Scope.IO.Close
Set Scope.IO = Nothing
Set Scope = Nothing
On Error GoTo 0
Exit Sub
End Sub
```

On Wed, Aug 24, 2022 at 4:27 PM magnustoelle via groups.io <magnustoelle@yahoo.com@groups.io> wrote:

```
> Good Day Dave,
>
>
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>
> just checking if you have seen this yet:
> TDSScreenCap – An RS232/GPIB screen capture program for the Tektronix
> TDS3000 series – Matts Tech Pages
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> TDSScreenCap – An RS232&#47;GPIB screen capture program for the Tektronix
> TDS3000 series – Matts Tech Pages
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> Cheers,
> Magnus
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```

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>

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Mute This Topic: <https://groups.io/mt/93126943/1866426>
Group Owner: TekScopes+owner@groups.io
Unsubscribe: <https://groups.io/g/TekScopes/leave/4038880/1866426/22533077/xyzzzy> [eckertkp@gmail.com]

magnustoelle via groups.io <magnustoelle@yahoo.com@groups.io>

Thu, Sep 1, 2022 at 12:38 AM

Reply-To: TekScopes@groups.io

To: TekScopes@groups.io

Nice work, Dave - congratulations! Thank you for the provision of your source code. I am sure other members will appreciate it.

Cheers,

Magnus

[Quoted text hidden]

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View/Reply Online (#195611): <https://groups.io/g/TekScopes/message/195611>

[Quoted text hidden]

David Kuhn <Daveyk021@gmail.com>

Thu, Sep 1, 2022 at 1:09 PM

Reply-To: TekScopes@groups.io

To: TekScopes@groups.io

Thank you Magnus. Yea, it is satisfying for sure. That code has some unused crap in it, but hopefully it gives someone else someday an idea.

Now, I am writing File Name and increasing indexed file name support in another section that calls this program. I have this section updating a text information box on my main screen.

Now I want an option for BMP (which will probably take a long time). I am trying to figure out how to detect the end of a BMP send. I'll get it.

I do notice the PNY images are smaller (on-page physical size) than the ones from OpenChoise Desktop. This is fine. It would be nice to say I want the BMP or PNY to be 3.5" wide (how-ever many pixels that is). When I paste a screenshot into Word, I always have to double-click it and resize it. If I could make it 3.5", by default, that would be great.

[Quoted text hidden]

View/Reply Online (#195617): <https://groups.io/g/TekScopes/message/195617>

[Quoted text hidden]

David Kuhn <Daveyk021@gmail.com>

Fri, Sep 2, 2022 at 4:57 PM

Reply-To: TekScopes@groups.io

To: TekScopes@groups.io

MUCH, MUCH, MUCH Easier than my original example. This code works fantastic and is very fast (~3 seconds):
Dim byteData as byte

```
Dim FF as interger
Dim Filename as string
...
....
decide on the filename:
FilePathName= .....

....
Scope.WriteString ("HARDCOPY:format BMPColor")
Scope.WriteString "HARDCOPY:inksaver ON"
Scope.WriteString "HARDCOPY:pallet normal"
Scope.WriteString "HARDCOPY:compression OFF"
Scope.WriteString "HARDCOPY:layout PORTRAIT"
Scope.WriteString "HARDCOPY:port gpib"
Scope.WriteString "HARDCOPY START"
'write file
FF = FreeFile()
Open FilePathName & Ext For Binary Lock Read Write As #FF
  byteData = Scope.IO.Read(400000)
  Put #FF, , byteData
Close #FF
```

[Quoted text hidden]

View/Reply Online (#195624): <https://groups.io/g/TekScopes/message/195624>

[Quoted text hidden]

zenith5106 via groups.io <hahi=telia.com@groups.io>

Wed, Sep 14, 2022 at 4:46 AM

Reply-To: TekScopes@groups.io

To: TekScopes@groups.io

Got inspired by the topic here's my version: http://www.hakanh.com/dl/TDS_HC.htm

/Håkan

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View/Reply Online (#195813): <https://groups.io/g/TekScopes/message/195813>

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