

Thread: VB6- Semi VB Decompiler

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Sep 2nd, 2004, 04:33 PM

#1

vbgamer45

Thread Starter

Lively Member



Join Date: Sep 2004
Posts: 67

VB6- Semi VB Decompiler

Semi VB Decompiler

This is the only open source example that allows you to look inside the file format of vb 6.0 native/pcode exe or ocx.
It uses COM to find out the opcodes for the graphical components of the exe, which means less things need to be hardcoded.
Learn the important visual basic structures in a vb exe, understand why COM is an important part of the visual basic system, and see what is going on behind the scenes in your program. Enjoy.

Release 0.03
Added Ocx Support
Added P-Code procedure decompile to P-Code tokens.
Added Image Extraction
Added Better Handling of Control properties.
Added Form Patch Editor
Added Syntax Coloring.
Better support of User Controls/And MDI Forms.
Api's Recovered
Procedure Names recovered for Forms and classes.
Resizing of the windows added.
Numerous Bug fixes and other things added.
Begun work on a basic antidecompiler.
Features Advanced decompiling using COM via VB6.OLB
Using COM allows me not to have to hard code every single property
The only properties that need to be hardcoded is the size, font, and dataformat opcodes.
One day I hope to use msvbvm60.dll instead of vb6.olb so nothing will have to be hardcoded.

Attached Files

semivbdecom003.zip (192.4 KB, 18956 views)

Last edited by vbgamer45; Sep 5th, 2004 at 01:20 PM.



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Apr 2nd, 2005, 03:58 PM

#2

Keithuk

PowerPoster



Join Date: Jan 2004
Location: Staffordshire, England
Posts: 2,229

Re: VB6- Semi VB Decompiler

Great app, pity you didn't use **Option Explicit** in all Forms and Modules. 😊

Keith

I've been programming with VB for 20 years. Started with VB4 16bit Pro, VB5 Pro, VB6 Pro/Enterprise and now VB3 Pro. But I'm no expert, I'm still learning.



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Apr 2nd, 2005, 07:48 PM

#3

DigiRev

"Digital Revolution"

Lively Member

Join Date: Mar 2005
Posts: 4,471

Re: VB6- Semi VB Decompiler

Amazing...

It could have been made more object-orientated to make it more reusable, but it's still really nice...

Where did you learn how the EXE files are structured?



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Apr 3rd, 2005, 09:18 AM

#4

vbgamer45

Thread Starter

Lively Member



Join Date: Sep 2004
Posts: 67

Re: VB6- Semi VB Decompiler

Wow, first time someone responded in a long time. Well Semi VB Decompiler is no longer open source and the current version is 0.06. Been busy rewriting and adding new features all the time.
<http://www.visualbasiczone.com/produ...mivbdecompiler>

Main things that I want to work on now is .Net support, right now my goal is a basic IL Disassembler. Right now it just processes some of metadata information and displays the streams and shows the clr header. The other thing I want to add is full support for VB 2/3 decompiling. Half way to my goal with my VB 1/2/3 binary form to text converter is almost complete, you can make these things a lot faster

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after the first time around.

Some of the internal structures that I used can be found at vb-decompiler.com a nice place to get you started on a P-Code decompiler. That's where I started and within a couple months I now know a lot of information and how VB really works.

Native decompiling I actually think it can be done, but I would have to write my own disassembly engine then I can at least process and translate certain vb api calls. Very time consuming.

Semi VB Decompiler 0.07 Getting better everyday 😊
<http://www.visualbasiczone.com/produ...ivbdecompiler/>
VisualBasicZone
<http://www.visualbasiczone.com>
[EasyPHPBB.com](http://www.phpbb.com)
Free PHPBB forums the quick and easy way!



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Aug 27th, 2006, 09:09 AM

#5

ngo hongchi

New Member

Join Date: Aug 2006
Posts: 1

Re: VB6- Semi VB Decompiler

Great App !! 🙏



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Aug 30th, 2006, 10:41 AM

#6

CVMichael

PowerPoster

Join Date: Feb 2002
Location: Canada, Toronto
Posts: 5,781

Re: VB6- Semi VB Decompiler

I just downloaded it, and tried on one of my VB exe projects, and I get an error:
See red line (Line number 510)

VB Code:

```
1. Sub OpenVBExe (FilePath As String, FileTitle As String)
2. ....
3. ....
4. ....
5. ....
6.         If ((gObject(loopC).ObjectType And &H80) = &H80) Then
7.
8.             Get #f, , gOptionalObjectInfo
9.             'Dim testLink() As tEventLink
10.            Dim LinkPCode() As MethodLinkPCode
11.            Dim LinkNative() As MethodLinkNative
12.
13.            'Resize the Arrays
14.            [COLOR=Red]ReDim LinkPCode(gOptionalObjectInfo.iEventCount - 1) [
15.            ReDim LinkNative(gOptionalObjectInfo.iEventCount - 1)
16.
17.            MsgBox gOptionalObjectInfo.iEventCount
18.            If gOptionalObjectInfo.aEventLinkArray <> 0 And gOptionalObjectInfo.iEventCount > 0 Then
```

The error is because gOptionalObjectInfo.iEventCount is = 0



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Aug 30th, 2006, 04:34 PM

#7

Keithuk

PowerPoster

Join Date: Jan 2004
Location: Staffordshire, England
Posts: 2,229

Re: VB6- Semi VB Decompiler

I found another VB decompiler but just the same as VB RezQ you don't see any code and this one doesn't recognise ActiveX's either where as VB RezQ does.

<http://www.softpedia.com/progDownload...oad-34504.html>

Keith

I've been programming with VB for 20 years. Started with VB4 16bit Pro, VB5 Pro, VB6 Pro/Enterprise and now VB3 Pro. But I'm no expert, I'm still learning.



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Aug 31st, 2006, 02:33 PM

#8

dreamvb

Hyperactive Member

Join Date: Aug 2002
Location: UK
Posts: 417

Re: VB6- Semi VB Decompiler

nise app, may be usfull for learning about the exe structure. shame someone can;t make a full VB-Decompiler for VB6 or at least get a group together and make one, I know there used to be a VB6 Decompiler been worked on some years ago duno what happened to the site tho.

as for Full Decompile support for VB2 and VB3 apps that should be quite easy as someone did release the sourcecode for a Full VB3 Decompiler some years I remmber seeing the code, you should have a google for it

nise code anyway.

When your dreams come true.
On error resume pulling hair out.



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Aug 31st, 2006, 04:04 PM

#9

Keithuk

PowerPoster



Re: VB6- Semi VB Decompiler

Join Date: Jan 2004
Location: Staffordshire, England
Posts: 2,229

Originally Posted by **dreamvb**

as for Full Decompile support for VB2 and VB3 apps that should be quite easy as someone did release the sourcecode for a Full VB3 Decompiler some years I remmber seeing the code

Yes this source code is on

PSC

He some how decompiled DiDo's. It doesn't work it was never completed, he was asking users to help him complete it. 🤔

Last edited by Keithuk; Mar 13th, 2007 at 04:04 PM.

Keith

I've been programming with VB for 20 years. Started with VB4 16bit Pro, VB5 Pro, VB6 Pro/Enterprise and now VB3 Pro. But I'm no expert, I'm still learning.



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Mar 13th, 2007, 04:10 PM

#10

Keithuk ◊

PowerPoster



Join Date: Jan 2004
Location: Staffordshire, England
Posts: 2,229

Re: VB6- Semi VB Decompiler

Originally Posted by **vbgame45**

Half way to my goal with my VB 1/2/3 binary form to text converter is almost complete

I found a VB 1/2/3 binary Form to VB6 text Form converter, it work very well. 🤔

<http://www.gridlinx.com/vb3.htm>

Keith

I've been programming with VB for 20 years. Started with VB4 16bit Pro, VB5 Pro, VB6 Pro/Enterprise and now VB3 Pro. But I'm no expert, I'm still learning.



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