Forum:Hack Forums

Thread: [VB.NET] Speech Recognition [/VB.NET]

Siy? - *April 25, 2011, 1:06 am*

Hello guys, this is my first tut so please dont flame =_=

Okay, today i am going to show you guys how to use Speech Recognition in VB.NET.
What Do You Need:
Have Speech Recognition (Win7, WinVista, WinXP)
Visual Basic/Studio 2005/2008/2010
Microsoft Speech Object Library (if you update your machine, you will have it, else you have to google it)
A file i uploaded with a virus scan, if you dont trust me cause i got low posts, please gtfo. i'm trying to help you so if you dont trust gtfo. thank you.

its a verry small file.

Download: http://www.mediafire.com/?h6ktkqqgla9xerr

Virus Scan:

http://www.virustotal.com/file-scan/report.html?id=3b884286e6fdeab5b056e0dc3f122b6e08f6fa6060e2717527f1a7e17b9edf72-1303717546

Quote:File name: SpeechLibrary.rar
Submission date: 2011-04-25 07:45:46 (UTC)
Current status: finished
Result: 0 /41 (0.0%)
VT Community

not reviewed
Safety score: -
Compact
Print results
Antivirus Version Last Update Result
AhnLab-V3 2011.04.25.02 2011.04.25 -
AntiVir 7.11.7.4 2011.04.25 -
Antiy-AVL 2.0.3.7 2011.04.25 -
Avast 4.8.1351.0 2011.04.24 -
Avast5 5.0.677.0 2011.04.24 -
AVG 10.0.0.1190 2011.04.24 -
BitDefender 7.2 2011.04.25 -
CAT-QuickHeal 11.00 2011.04.24 -
ClamAV 0.97.0.0 2011.04.25 -
Commtouch 5.3.2.6 2011.04.25 -
Comodo 8468 2011.04.25 -
DrWeb 5.0.2.03300 2011.04.25 -
eSafe 7.0.17.0 2011.04.24 -

eTrust-Vet 36.1.8286 2011.04.22 -
F-Prot 4.6.2.117 2011.04.25 -
F-Secure 9.0.16440.0 2011.04.25 -
Fortinet 4.2.257.0 2011.04.24 -
GData 22 2011.04.25 -
Ikarus T3.1.1.103.0 2011.04.25 -
Jiangmin 13.0.900 2011.04.24 -
K7AntiVirus 9.98.4458 2011.04.23 -
Kaspersky 7.0.0.125 2011.04.25 -
McAfee 5.400.0.1158 2011.04.25 -
McAfee-GW-Edition 2010.1D 2011.04.24 -
Microsoft 1.6802 2011.04.25 -
NOD32 6068 2011.04.25 -
Norman 6.07.07 2011.04.25 -
Panda 10.0.3.5 2011.04.24 -
PCTools 7.0.3.5 2011.04.21 -
Prevx 3.0 2011.04.25 -
Rising 23.54.06.06 2011.04.24 -
Sophos 4.64.0 2011.04.25 -
SUPERAntiSpyware 4.40.0.1006 2011.04.25 -
Symantec 20101.3.2.89 2011.04.25 -
TheHacker 6.7.0.1.182 2011.04.24 -
TrendMicro 9.200.0.1012 2011.04.25 -
TrendMicro-HouseCall 9.200.0.1012 2011.04.25 -
VBA32 3.12.16.0 2011.04.22 -
VIPRE 9112 2011.04.25 -
ViRobot 2011.4.25.4427 2011.04.25 -
VirusBuster 13.6.319.2 2011.04.24 -

Ok, open up Visual Basic/Studio..

New Project> name it whatever you want.

Project>Add Existing Item > Browse > SpeechLibrary.vb(the file you downloaded)

than

Project> Add References... > COM > Microsoft Speech Object Library

ok, now to enable the Speech Recognition, Add a button OR add the following code in the main form (form1).Load;

Quote:SpeechLibrary_StartSpeechRecognition()

'this code will enable the speech recognition

double click the Speechlibrary.vb (IN YOUR PROJECT)

scroll down until you see
Quote:Private Sub SpeechLibrary_COMMAND_LIST()

now i've already added an example for you guys;

If (program hears; Speech) Then
GOTO GOOGLE=D

Quote:
```
If SpeechLibrary_ResultToString = "speech" Then
    Process.Start("http://www.google.nl")
Else
    MsgBox("speak more clearly")
End If
```

SpeechLibrary_ResultToString = "speech" = What you say, what the program hears

Process.Start("http://www.google.nl") = what the program does after it hears it.

MsgBox("speak more clearly") = a messagebox that pops up if you dont speak clearly enough.

now open Speech Recognition then debug the application you made.
enable the speech recognition and say; Speech.

NOTE: if you dont know how to get to Speech Recognition, or if you have never done it before

Start Menu> Control Panel > type in the searchbox; Speech Recognition, and start the tutorial.

I DID NOT MAKE THE SPEECHLIBRARY.VB ITS MADE BY
Copyrighted Ashley M Begley

i hope it helped
this is my first tutorial on this forum
?

Emilnerd - *April 25, 2011, 2:50 am*
Thanks for the share m8! :D, i can't get my mic to work Thougth.

Blue Screen of Death - *April 25, 2011, 2:57 am*
wow, this is very nice. thanks for this share!

Siy? - *April 25, 2011, 3:18 am*
Thank you so much guys:D

-Siy

Numair - *April 25, 2011, 4:08 am*
Really nice share. Haven't thought about this in VB.net.

Slayer - *April 25, 2011, 7:21 am*
Hmm... I made to start on a click of a button, but a second after I clicked the button, I get this:
Spoiler (Click to View)
[IMG]http://k.min.us/ilsv1o.bmp[/IMG]

Siy? - *April 25, 2011, 8:05 am*
(Apr 25, 2011 07:21 AM)Slayer Wrote: *[CITE]* Hmm... I made to start on a click of a button, but a second after I clicked the button, I get this:
Spoiler (Click to View)
[IMG]http://k.min.us/ilsv1o.bmp[/IMG]

Uhm, could you show me the code of the button, try adding it to the main form, make sure you added the COM reference , and make sure you added the listen code under
Private Sub SpeechLibrary_COMMAND_LIST()

Slayer - *April 25, 2011, 8:07 am*
(Apr 25, 2011 08:05 AM)Siyabent Wrote: *[CITE]* Uhm, could you show me the code of the button, try adding it to the main form, make sure you added the COM reference , and make sure you added the listen code under
Private Sub SpeechLibrary_COMMAND_LIST()
Reference was added, 5.0. And the code was added. >.<

willbebacksoon - *April 25, 2011, 8:15 am*
make sure you have configured your "Voice Recognition option" from your computers "control panel" for this to work.
(Apr 25, 2011 08:05 AM)Siyabent Wrote: *[CITE]* Uhm, could you show me the code of the button, try adding it to the main form, make sure you added the COM reference , and make sure you added the listen code under
Private Sub SpeechLibrary_COMMAND_LIST()CoInitializeSecurity may causes this exception.

DeathStar™ - *April 25, 2011, 8:27 am*
(Apr 25, 2011 07:21 AM)Slayer Wrote: *[CITE]* Hmm... I made to start on a click of a button, but a second after I clicked the button, I get this:
Spoiler (Click to View)
[IMG]http://k.min.us/ilsv1o.bmp[/IMG]

Remove class
RecoContext = New SpSharedRecoContextClass
Should be
RecoContext = New SpSharedRecoContext

Diabolic - *April 25, 2011, 8:39 am*
This looks pretty awesome, thanks a lot for the share.

Siy? - *April 25, 2011, 8:47 am*
thank you so freaking much guys:O 9 posts and 3 rep:O! <33

Deceptive - *April 25, 2011, 9:30 am*
(Apr 25, 2011 08:47 AM)Siyabent Wrote: *[CITE]* thank you so freaking much guys:O 9 posts and 3

rep:O! <33
Don't shit yourself, it's just a number.

Siy? - *April 25, 2011, 9:44 am*
(Apr 25, 2011 09:30 AM)TheMist Wrote: *[CITE]* Don't shit yourself, it's just a number.
too late i shat myself.. ò.Ó'

(° ? °) - *May 10, 2011, 5:11 pm*
thx so much.
Any bright sparks out there thinking of using this for solving audio captchas?
:)

WhipAddict - *August 7, 2011, 3:39 pm*
Thanks for taking an interest in my Speech Recognition tutorial. It took me a long time to put that together. All the incompatibilities have been updated on my tutorial as well as my website (http://www.ashleymbegley.co.uk/CODESpeechLib.html . Feel free to have a look. I also appreciate you referencing my name in your tutorial. Feel free to browse Around the download section of my website for some more things you could make.

http://www.ashleymbegley.co.uk

For anyone viewing this, you can also see the original Speech Recognition Tutorial by me at: http://www.ashleymbegley.co.uk/CODESpeechLib.html

With Regards,
Ashley M Begley