

Forum: [Hack Forums](#)

Thread: [Spotify Voice Controller V2! Control Spotify with your voice! Great for gaming!](#)

Drizzy?? - December 20, 2015, 11:13 pm

V1: <https://hackforums.net/showthread.php?tid=4900770>

Decided it was time for a bit of an update. It's not a huge one, buuutttt...

***USE OF A HEADSET OR DESKTOP MICROPHONE IS HIGHLY RECOMMENDED**

DEMO:

[Video: <https://youtu.be/3XRHN7GHdtY>]

Voice Commands:

Next/Forward

Previous/Back

Play

Pause

Playing (Tells you the artist and song name of the currently playing song)

Up/Increase (Increases volume)

Down/Decrease (Decreases volume)

Toggle (Enables/disables voice commands)

Settings (Allows you to customize voice commands)

Program itself:

(Deemed next/previous buttons useless)

Download:

<http://drizzybot.com/releases/Spotify%20Voice%20Controller.zip>

Virus Scan (Zip File):

<https://www.virustotal.com/en/file/b6aaedf34869acc295700f9edc51416899916864c8379971f2ed80b875e06552/analysis/1451422806/>

Virus Scan (EXE File):

<https://www.virustotal.com/en/file/d2774fc00131f45db28bc8a139762b7370cd1f29d8ee0381b2d470c434d9098b/analysis/1451422968/>

***Should you decompile the program, enjoy my messy code :D**

Balding - December 20, 2015, 11:25 pm

Nice release Drizzy. Well done friendo.

Dashbyte - December 21, 2015, 1:37 am

I don't see much feedback, but this is excellent for streamers. I wouldn't be surprised if you see some streamers using it while they're live streaming, haha. Very nice release Drizzy.

Internet Explorer. - December 21, 2015, 1:38 am

Nice and usefull release.

I'll test it out sometime.

Thanks!

Nick (Name) - December 21, 2015, 9:25 am

This is nice! I love it, sometimes you have to be a bit more clear but it works! It's super useful when I'm playing games and listening to music! Thank you so much for this! <3

Pepeillo - December 21, 2015, 9:50 am

Hi all

Thx a lot for sharing!

Greetings!!

Drizzy?? - December 21, 2015, 10:31 am

Thanks for all the positive comments. If anyone has any suggestions or improvements let me know.

Maester Seymour - December 21, 2015, 2:10 pm

commenting here so i can come back to it when im on my proper laptop x

GenericSkid - December 21, 2015, 2:47 pm

On the comment on streamers, you should add a command that toggles input for other command so that streamers dont accidentally say voice commands.

So "toggle input" will disable all other commands and to re-activate you would just say ot again.

Chief Mark - December 21, 2015, 2:50 pm

Looks freaking sick man, currently waiting for my new PC so posting here to remind myself. Can you set the commands to different words. Like when you say Omni it forwards. Would be a sick option (and not to hard) although im not a programmer that doesn't seem hard to do to me.

How did you get the normal words like next to do it. Maybe in the future add some other word options or stuff. Looks sick though op.

Dashbyte - December 21, 2015, 11:28 pm

(Dec 21, 2015 03:47 PM)Lord Pankake Wrote: [\[CITE\]](#) On the comment on streamers, you should add a command that toggles input for other command so that streamers dont accidentally say voice commands.

So "toggle input" will disable all other commands and to re-activate you would just say ot again. That's actually very smart, so like a command to enable and/or disable the voice commands. I'd definitely like to see this added in upcoming updated, etc. Good idea man.

Drizzy?? - December 24, 2015, 2:19 pm

(Dec 21, 2015 03:47 PM)Lord Pankake Wrote: [\[CITE\]](#) On the comment on streamers, you should add a command that toggles input for other command so that streamers dont accidentally say voice commands.

So "toggle input" will disable all other commands and to re-activate you would just say ot again.

(Dec 22, 2015 12:28 AM)Dashbyte Wrote: [\[CITE\]](#) That's actually very smart, so like a command to enable and/or disable the voice commands. I'd definitely like to see this added in upcoming updated, etc. Good idea man.

It doesn't recognize voice commands besides the ones that are implemented in my program. If you find yourself accidentally using Windows commands, make sure you CLOSE (not just minimize) the Windows Speech Recognition program. (Right click it, click "Exit").

EDIT: Do you mean enabling/disabling the commands such as "Next"? Or the default Windows Speech Recognition commands?

Programming Enthousiast - December 24, 2015, 4:08 pm

Does this rely on the built in Windows speech recognition? That would be a bad idea since that can differ if people used it in other programs which train it or if they trained it differently. If this is the case I would suggest using a third party speech recognition library that doesn't rely on the built in Windows speech recognition. Doubt this is the case for gamers, your target audience, though. So great job on this application man, this is a funny and useful project. Rarely see those lately. Just wondering, what 'accuracy' do you get with it right of the bat without messing with the built in Windows speech recognition when you download and run it for the first time?

(Dec 24, 2015 03:19 PM)Drizzy?? Wrote: [\[CITE\]](#) It doesn't recognize voice commands besides the ones that are implemented in my program. If you find yourself accidentally using Windows commands, make sure you CLOSE (not just minimize) the Windows Speech Recognition program. (Right click it, click "Exit"). I think he meant something like hotkeying the application so it only listens when you press a specified key.

Drizzy?? - December 24, 2015, 4:12 pm

(Dec 24, 2015 05:08 PM)Programming Enthousiast Wrote: [\[CITE\]](#) Does this rely on the built in Windows speech recognition? That would be a bad idea since that can differ if people used it in other programs which train it or if they trained it differently. If this is the case I would suggest using a third party speech recognition library that doesn't rely on the built in Windows speech recognition. Doubt this is the case for gamers, your target audience, though. So great job on this application man, this is a funny and useful project. Rarely see those lately. Just wondering, what 'accuracy' do you get with it right of the bat without messing with the built in Windows speech recognition when you download and run it for the first time?

I think he meant something like hotkeying the application so it only listens when you press a specified key. It uses the same engine as Windows Speech Recognition, but not Windows Speech Recognition so you can close the Windows Speech Recognition entirely and this would still work. Also, I've never trained my voice with WSR and it works perfect for me soooo.

minimalist - December 24, 2015, 4:18 pm

Shit this is the best thing I've ever used. Thanks for the tool, going to be using it from now on when playing games.

Programming Enthousiast - December 24, 2015, 4:27 pm

(Dec 24, 2015 05:12 PM)Drizzy?? Wrote: [\[CITE\]](#) It uses the same engine as Windows Speech Recognition, but not Windows Speech Recognition so you can close the Windows Speech Recognition entirely and this would still work. Also, I've never trained my voice with WSR and it works perfect for me soooo.

I know but some programs that require voice recognition train the WSR engine. But that is rarely the case and usually if you mess with those programs you should know it influences this program and what you can do about it. This is a cool release dude but I highly recommend looking into custom SR engines when you are going to mess with SR some more, like audio captchas and such.

Sulfer - December 24, 2015, 4:29 pm

Posting for later -thanks for this cool program. Can't wait to try it out when I get home :)

Frenzied - December 24, 2015, 4:30 pm

Posting this to sub to this thread. interesting stuff :)

Drizzy?? - December 24, 2015, 4:32 pm

(Dec 24, 2015 05:27 PM)Programming Enthousiast Wrote: [\[CITE\]](#) I know but some programs that require voice recognition train the WSR engine. But that is rarely the case and usually if you mess with those programs you should know it influences this program and what you can do about it. This is a cool release dude but I highly recommend looking into custom SR engines when you are going to mess with SR some more, like audio captchas and such.

Yeah, I'd never use the WSR for an advanced program or anything of that sort, but for something minimal like this, why go through the extra effort?

EDIT: Added a way to disable/enable voice commands. Voice commands are enabled by default, you can disable them by saying "toggle", and re-enable them by saying it again.

Programming Enthousiast - December 24, 2015, 4:52 pm

(Dec 24, 2015 05:32 PM)Drizzy?? Wrote: [\[CITE\]](#) Yeah, I'd never use the WSR for an advanced program or anything of that sort, but for something minimal like this, why go through the extra effort?

EDIT: Added a way to disable/enable voice commands. Voice commands are enabled by default, you can disable them by saying "toggle", and re-enable them by saying it again.

Thats cool man and dont take my posts the wrong way I love this project. I am just saying what comes to my mind. Also, is there a way to set their own commands or something? Like change the default commands to something else?

Drizzy?? - December 24, 2015, 4:53 pm

(Dec 24, 2015 05:52 PM)Programming Enthousiast Wrote: [\[CITE\]](#) Thats cool man and dont take my posts the wrong way I love this project. I am just saying what comes to my mind. Also, is there a way to set their own commands or something? Like change the default commands to something else?

Nah but I can add that in tomorrow. And I appreciate the constructive criticism ?

Programming Enthousiast - December 24, 2015, 6:37 pm

(Dec 24, 2015 05:53 PM)Drizzy?? Wrote: [\[CITE\]](#) Nah but I can add that in tomorrow. And I appreciate the constructive criticism ?

And code wise how do you manage the commands? Do you have it translate the speech to a string or to an object of some sorts? I never messed with WSR so I dont know how that works.

Frenzied - December 25, 2015, 11:57 am

This tool is amazing. In case other streamers use it or something, I would suggest you to add an about section or something like that :P

Drizzy?? - December 25, 2015, 10:09 pm

If anyone else has any suggestions let me know.

minimalist - December 26, 2015, 3:59 pm

How about, when you say "playing", the program:Pauses the song

Reads out the title of the song

Plays the song

At the moment, it's a little hard to hear what's playing over the loud music.

Drizzy?? - December 28, 2015, 12:15 pm

Added a demo video to OP. Enjoy guys!

Windows95 - December 28, 2015, 12:17 pm

I don't use Spotify but that's pretty cool. Keep going.

sHAY - December 28, 2015, 12:19 pm

This is dope, awesome share op!

Nick (Name) - December 28, 2015, 3:32 pm

Do you think you will allow customization of the voice commands as a settings option? I would love this to be a feature :)

And could you possibly look into an iTunes version of this? Ever since the Apple Music release I've been adding music to my cloud, 95% of my music is in iTunes, it's just a suggestion not forcing you to make it.

Absolute Greatest - December 28, 2015, 8:32 pm

Really nice tool, good work Drizzy212/Drizzy788

Drizzy?? - December 29, 2015, 12:59 pm

You can now customize the voice commands to words of your liking. To change the default voice commands, say "Settings" and a form will open allowing you to customize the commands.

Nick (Name) - December 29, 2015, 1:34 pm

(Dec 29, 2015 01:59 PM)Drizzy?? Wrote: [\[CITE\]](#) You can now customize the voice commands to words of your liking. To change the default voice commands, say "Settings" and a form will open allowing you to customize the commands.

You fucking baller! This is now awesome! Good job!

mec - January 2, 2016, 8:14 am

i'm sitting here talking to my laptop like a crazy man, and my songs aren't changing,

also, when it got to a commercial the program crashed/had an exception

Drizzy?? - January 2, 2016, 9:29 am

(Jan 2, 2016 09:14 AM)mec Wrote: [\[CITE\]](#) i'm sitting here talking to my laptop like a crazy man, and my songs aren't changing,

also, when it got to a commercial the program crashed/had an exception

I doubt it works well at all with built in microphones. As for the commercial issue, I'll make a fix for it soon.

SIM-2434055 - January 2, 2016, 9:40 am

Nice job,

Using it myself.

RubenSSSS - February 19, 2016, 11:06 am

Doesn't work for me :(i think it's my side due to an error but anyways looks great :D

Drizzy?? - February 19, 2016, 9:25 pm

(Feb 19, 2016 12:06 PM)RubenSSSS Wrote: [\[CITE\]](#) Doesn't work for me :(i think it's my side due to

an error but anyways looks great :D

Could you possibly post the error so I can fix it? Or are you just trying to get posts.

RubenSSSS - February 21, 2016, 5:06 pm

(Feb 19, 2016 10:25 PM)Drizzy?? Wrote: [\[CITE\]](#) Could you possibly post the error so I can fix it? Or are you just trying to get posts.

I'm not trying to get posts i would love this to work it's a great idea btw.

1. When i start it, it says (i'll try to translate the best i can from my lounge) "No recognizes installed" when i run the .exe

2. And when i say toggle nothing happens.

Bluffer - February 21, 2016, 5:07 pm

Awesome idea! Great contribution to HF.

botsky - February 23, 2016, 10:25 am

Lool I'm very impressed :D do you use api?

Block4? - February 24, 2016, 12:21 pm

Nice release, would be nice if you can add a keyword or something because it could sometimes recognize your voice while you're talking, something like "Spotify Play".

Drizzy?? - February 24, 2016, 7:33 pm

(Feb 24, 2016 01:21 PM)kraskobe Wrote: [\[CITE\]](#) Nice release, would be nice if you can add a keyword or something because it could sometimes recognize your voice while you're talking, something like "Spotify Play".

Did you even try it? The program wont accept any commands unless a command is said by itself. EG: "Let's go to the next concert" won't trigger the "next" command.

And you can further prevent this by setting your own trigger-words.

Beauty - February 24, 2016, 7:41 pm

Any idea what I did wrong?

Drizzy?? - February 24, 2016, 7:42 pm

(Feb 24, 2016 08:41 PM)Beauty Wrote: [\[CITE\]](#) Any idea what I did wrong?

When does this happen? As soon as you start the program? Is Spotify open when you open the program?

Beauty - February 24, 2016, 7:43 pm

(Feb 24, 2016 08:42 PM)Drizzy?? Wrote: [\[CITE\]](#) When does this happen? As soon as you start the program? Is Spotify open when you open the program?In order:

As soon as I start the program.

Yes.

Yes.

Drizzy?? - February 24, 2016, 7:44 pm

(Feb 24, 2016 08:43 PM)Beauty Wrote: [\[CITE\]](#) In order:

As soon as I start the program.

Yes.

Yes.

Try running it in compatibility mode for XP service pack 3.

Beauty - February 24, 2016, 7:45 pm

(Feb 24, 2016 08:44 PM)Drizzy?? Wrote: [\[CITE\]](#) Try running it in compatibility mode for XP service pack 3.

Lawl shit.

I tried all of them, same result.

EDIT:

FunnyHands - February 24, 2016, 7:46 pm

That's awesome

The main reason I never used spotify was because I could never skip the songs I didn't like when in game ?

Now let's just wait and see who all gives me weird stares when they constantly hear me say "next" ?

SIM-2285183 - February 24, 2016, 7:46 pm

Doesn't work for me and my British accent.

yunghollow - February 24, 2016, 7:47 pm

Looks awesome going to try this out now.

SIM-2285183 - February 24, 2016, 7:49 pm

(Feb 24, 2016 08:46 PM)Carelessness Wrote: [\[CITE\]](#) Doesn't work for me and my British accent. I think it got used to my voice, it works now.

EDIT: Can't move the thing around, also, it works and doesn't. I might have to move my mic around, see where the perfect spot is.

Drizzy?? - February 24, 2016, 7:59 pm

(Feb 24, 2016 08:45 PM)Beauty Wrote: [\[CITE\]](#)

Lawl shit.

I tried all of them, same result.

EDIT:

Mind adding me on Skype? Drizzy788

I'd like to look into this.

(Feb 24, 2016 08:49 PM)Carelessness Wrote: [\[CITE\]](#) I think it got used to my voice, it works now.

EDIT: Can't move the thing around, also, it works and doesn't.

I might have to move my mic around, see where the perfect spot is.

You can move it around. You just have to click and drag (click must be in an area without text). And as for your voice, what you can do is search for "Windows speech recognition" and go through their "voice training program" which should help.

(Feb 24, 2016 08:46 PM)Lunar Wrote: [\[CITE\]](#) That's awesome

The main reason I never used spotify was because I could never skip the songs I didn't like when in game ?

Now let's just wait and see who all gives me weird stares when they constantly hear me say "next" ?

Change the command for next song to a different keyword, profit? EG: Playing League of Legends? Change it to "Vayne". Or, change it to an entire song's lyrics so you can claim you're just singing when in reality you're skipping the song. Or just be like me and not have any friends so nobody will hear you.

FunnyHands - February 24, 2016, 9:09 pm

Works for me.

It will be a little wonky when trying to go to the next track, and I can't get the volume commands to work for me, but everything else works great!

Thanks for this ?

Dragnite - February 25, 2016, 5:59 am

(Feb 24, 2016 08:59 PM)Drizzy?? Wrote: [\[CITE\]](#) You can move it around. You just have to click and drag (click must be in an area without text). And as for your voice, what you can do is search for "Windows speech recognition" and go through their "voice training program" which should help.

Went through and did that, would be nice if we could get a way to re-bind settings to another word because half the time it can't hear me say settings but will hear me say other words such as "go" "stop" (what I re-binded play and pause to) but yeah other than that no problems with the program.

Thanks for this, is saving my life because even though I have media controls on my keyboard they're a pain to actually use due to multiple buttons needing to be pressed and can't really waste macro spots for that.

adenfr - February 26, 2016, 5:18 am

Nice release keep up pro

Ewcia - February 26, 2016, 10:19 am

Thank you for the share, keep up the good work.

PloxCake - February 27, 2016, 2:23 pm

Keyboards with media buttons is much more convenient, but this is nice for people who don't have those, keep up the good job

Drizzy?? - January 31, 2017, 5:02 pm

Bumping this cause I just found it on my computer again and thought it'd be nice to share.

Formal - January 31, 2017, 5:08 pm

Damn this is cool as hell. Thanks for the share!

p3t3yxxness - April 16, 2017, 1:35 pm

Not sure why, but it doesn't work for me.. When I load it, it shows an error and then doesn't do anything..

Ninja - April 16, 2017, 1:42 pm

(Apr 16, 2017 01:35 PM)p3t3yxxness Wrote: [\[CITE\]](#) Not sure why, but it doesn't work for me.. When I load it, it shows an error and then doesn't do anything..

Would be helpful if you posted the actual error.

Drizzy?? - April 16, 2017, 11:12 pm

(Apr 16, 2017 01:35 PM)p3t3yxxness Wrote: [\[CITE\]](#) Not sure why, but it doesn't work for me.. When I load it, it shows an error and then doesn't do anything..

Could you perhaps post the error?

Random Arab Girl - April 17, 2017, 1:14 am

Are you able to post the source code so we're able to add other features maybe? overall tho great program

Xamarin - April 17, 2017, 1:43 pm

(Apr 16, 2017 11:12 PM)Drizzy?? Wrote: [\[CITE\]](#) Could you perhaps post the error?

I can help you with this, my fellow developer

The error is happening in the second line(in the return) of the "getPlaying" method in the "mainForm". The type of the error is: Object not set to an instance of an object. As i can see in the run-time debugging that i did, the status variable(typeof StatusResponse) is null. Probably because the "GetStatus" method from the Spotify API doesn't return anything. I do not know why, since i am not familiar with the spotify API... but i think that i did the hazard part of the work. Now you need to "patch" it up :)

tommyandrson - April 19, 2017, 2:18 pm

Im getting error. It says something like no Distinguisher was installed

-Dartz - May 19, 2017, 9:11 pm

Getting the same runtime error, Windows 10 might be the issue?

Would appreciate help on this, this seems like an awesome program.

Azuraii - May 19, 2017, 9:24 pm

Had an issue running it but seems like a great program, can't wait to get use it!

Here's the error I got, could someone give me a hand fixing it?

<https://pastebin.com/cbGcCwLh>

-Dartz - May 20, 2017, 7:59 am

(May 19, 2017 09:24 PM)Azurail Wrote: [\[CITE\]](#) Had an issue running it but seems like a great program, can't wait to get use it!

Here's the error I got, could someone give me a hand fixing it?

<https://pastebin.com/cbGcCwLh>

This is the error I got too, would really love some help with this since my computer doesn't have keyboard shortcuts for playback.

Has anyone gotten this working on Windows 10?

Milkcarton - May 20, 2017, 3:13 pm

Really nice release. Good job :)