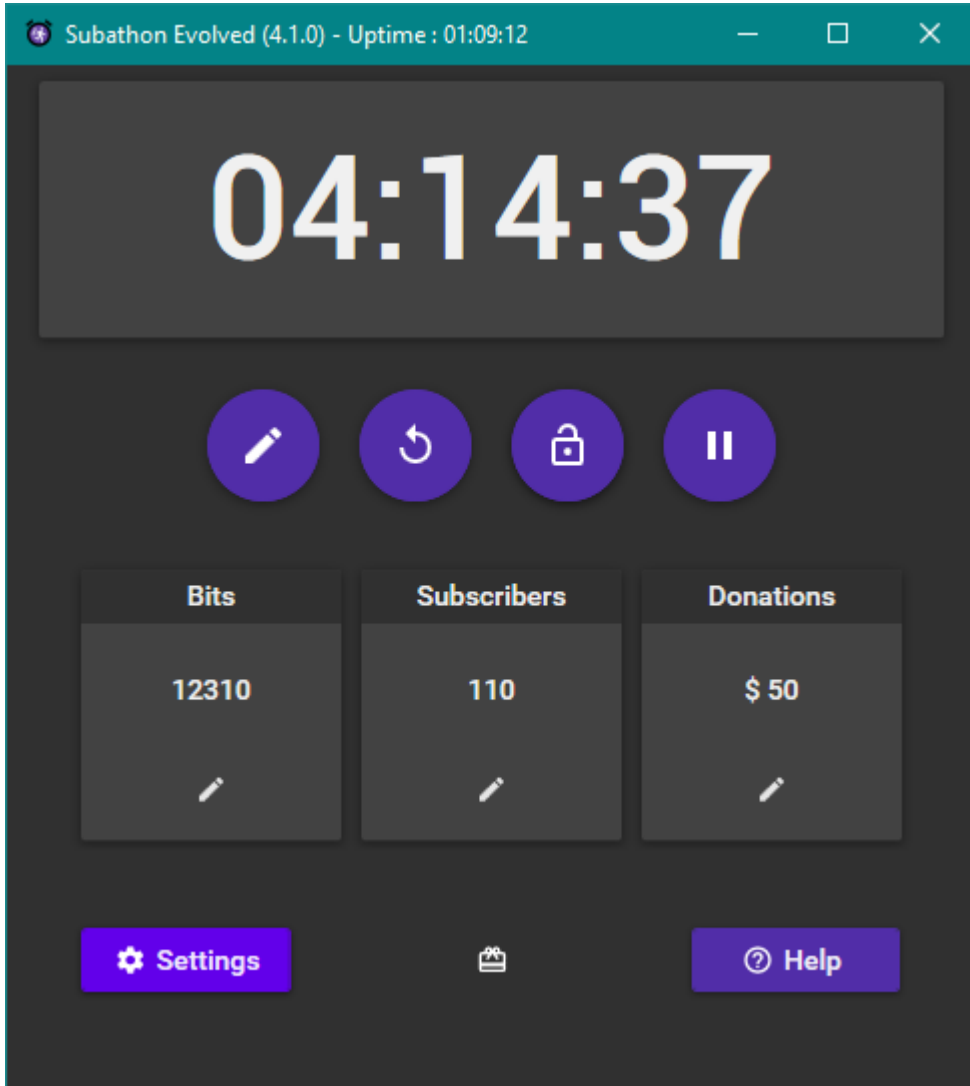


Subathon Evolved

User Guide

Version 4.1



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Setup































This guide assumes you've downloaded the software and extracted the files to a location of your choosing.

The files will remain there, so be sure you pick something you can remember. You will have to go back there a couple of times.

Once you have unzipped the files, run the Subathon program (purple icon).

You will be met with a disclaimer. You have to agree to use the program.

Files

 bits.txt	10/19/2018 12:24	TXT File	1 KB
 clock.txt	10/19/2018 1:57 AM	TXT File	1 KB
 donations.txt	10/19/2018 12:27	TXT File	1 KB
 EngineIoClientDotNet.dll	6/30/2018 10:42 PM	Application extens	48 KB
 log4net.config	6/23/2018 2:59 PM	XML Configuratio...	1 KB
 log4net.dll	3/8/2017 7:26 PM	Application extens	270 KB
 MaterialDesignColors.dll	7/5/2016 8:29 PM	Application extens	224 KB
 MaterialDesignThemes.Wpf.dll	7/27/2018 5:31 PM	Application extens	4,744 KB
 Newtonsoft.Json.dll	3/24/2018 5:44 PM	Application extens	647 KB
 RestSharp.dll	10/15/2018 5:58 PM	Application extens	177 KB
 SocketIoClientDotNet.dll	6/30/2018 11:38 PM	Application extens	27 KB
 Subathon_Elevated.log	10/19/2018 1:57 AM	Text Document	46,010 KB
 Subathon_Elevated.log.1	10/19/2018 1:57 AM	1 File	51,201 KB
 Subathon_Elevated.log.2	10/19/2018 1:57 AM	2 File	51,201 KB
 Subathon_Elevated.log.3	10/19/2018 1:56 AM	3 File	51,201 KB
 Subathon_Elevated.log.4	10/19/2018 1:56 AM	4 File	51,201 KB
 Subathon_Elevated.log.5	10/19/2018 1:55 AM	5 File	51,201 KB
 Subathon_Evolved.exe	10/19/2018 12:24	Application	340 KB
 Subathon_Evolved.exe.config	10/17/2018 2:32 AM	XML Configuratio...	6 KB
 subscriptions.txt	10/19/2018 1:51 AM	TXT File	1 KB
 SuperSocket.ClientEngine.dll	1/30/2018 8:05 PM	Application extens	41 KB
 System.Collections.Immutable.dll	5/15/2018 1:29 PM	Application extens	352 KB
 System.ValueTuple.dll	5/15/2018 1:29 PM	Application extens	78 KB
 WebSocket4Net.dll	1/30/2018 8:29 PM	Application extens	61 KB
 Xceed.Wpf.AvalonDock.dll	6/22/2018 10:02 AM	Application extens	417 KB
 Xceed.Wpf.AvalonDock.Themes.Aero.dll	6/22/2018 10:02 AM	Application extens	85 KB
 Xceed.Wpf.AvalonDock.Themes.Metro.dll	6/22/2018 10:02 AM	Application extens	78 KB
 Xceed.Wpf.AvalonDock.Themes.VS2010.dll	6/22/2018 10:02 AM	Application extens	83 KB
 Xceed.Wpf.DataGrid.dll	6/22/2018 10:02 AM	Application extens	2,379 KB
 Xceed.Wpf.Toolkit.dll	6/22/2018 10:02 AM	Application extens	1,079 KB

After loading the program, you will find that some new files were made.

- Bits.txt - text file that keeps track of the # of bits.
- clock.txt - text file that has the clock in it.
- donations.txt - text file that keeps track of the money you've gotten donated.
- subscriptions.txt - text file that keeps track of the # of subscriptions.

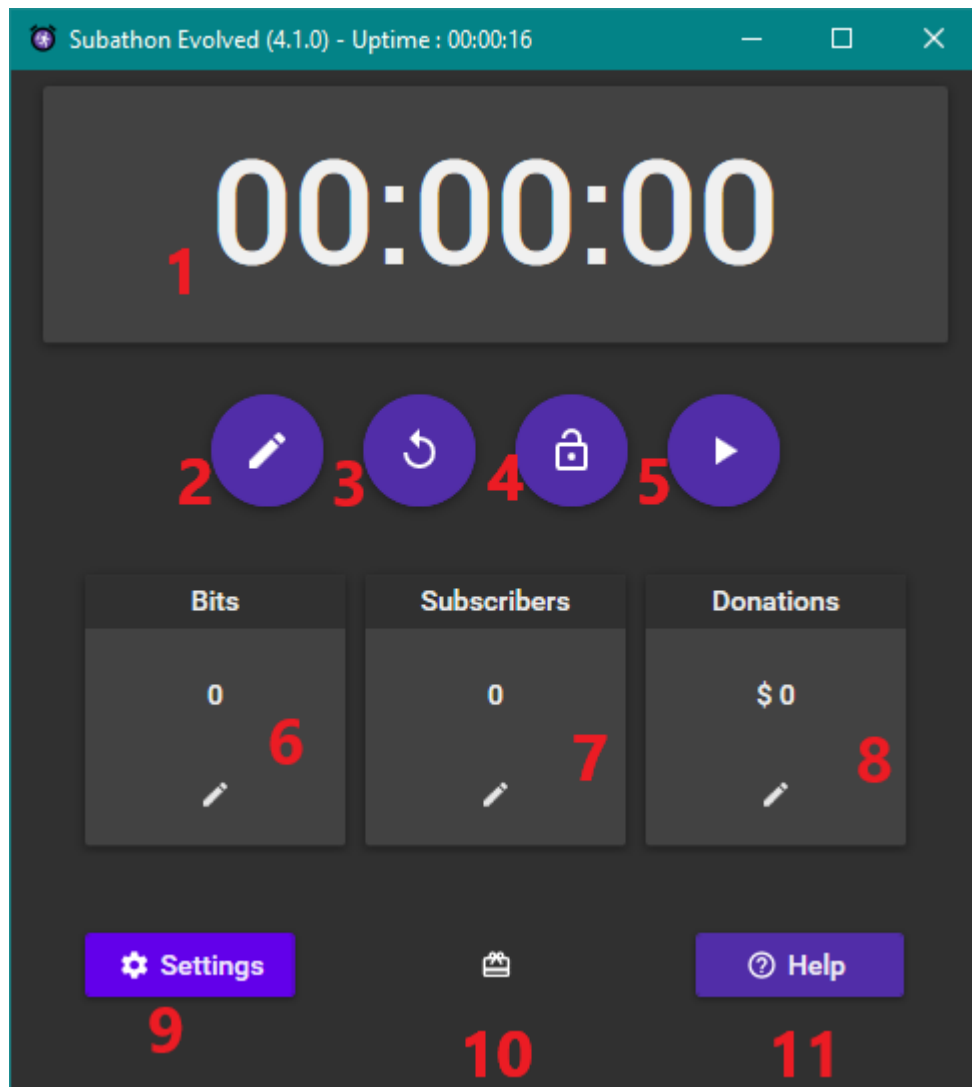
Furthermore there are some LOG files, variants of `Subathon_Elevated`. These files are important. If there is ever a problem, I will need these files from you.

The rest of the files are files used for operation.

Clock Screen

The main screen features the clock, I call it the clock screen. This is the screen you will be using the majority of the time.

Values on this screen *are not* saved over restarts.



Things on the screen and what they do (and what you can do with them):

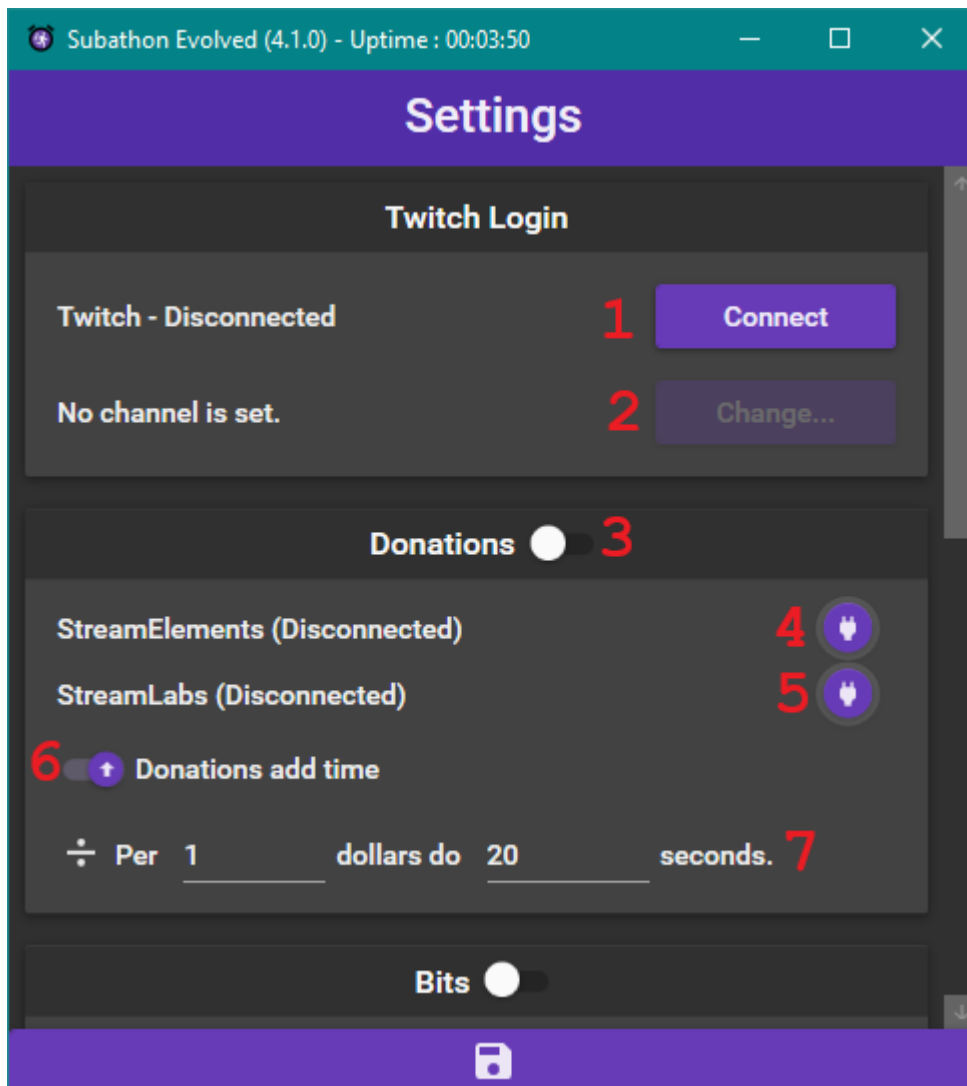
1. Clock. Displays time remaining.
2. Edit Clock. You can set the clock to any given position with this button.
3. Reset Clock. You can set the clock to `00:00:00` with this button.
4. Lock/Unlock Clock. You can lock the clock with this button. The clock will continue to tick down, but any donations, subscriptions or bits will not influence it.
5. Start/Pause Clock. You can start or pause the clock with this button.
6. Bits counter. Updates when you get bits. You can set this counter to any value using the pencil button below it.
7. Subscriber counter. Updates when you get any subscribers. You can set this counter to any value using the pencil button below it.
8. Donation counter. Updates when you get donations. You can set this counter to any value using the pencil button below it.

9. Settings button. Click here to change settings.
10. Donation Button. Click here if you want to help me, support me and help pay my rent!
11. Help button. Opens my website at the help page. It's where this document and the video are!

Settings Screen

This screen is used to configure the timer. It may look like a lot, but it's really simple!

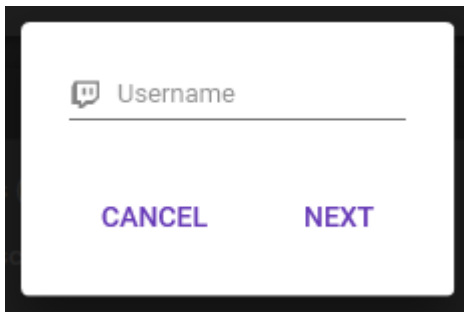
All settings are *saved* over restarts.



1. Connect to Twitch. This will open a small webpage where you have to login to Twitch! It will then automatically set it to your channel. Use your twitch *username*, **not** a link to your channel!
2. Set the channel to another channel. This is useful for testing, but usually you don't have to touch this.
3. Enable/Disable Donations. Click this slider to enable/disable donations. If enabled, it will count towards the time. If disabled, they won't count. Left(white) is disabled.
4. Connect/Disconnect to StreamElements. Click this button to connect/disconnect from StreamElements.
5. Connect/Disconnect to StreamLabs. Click this button to connect/disconnect from StreamLabs.
6. Let Donations add/remove time from the clock. When in left position, donations lower time. In the right position, they add to the clock.
7. Set the time per donated \$. Depending on 6, this adds or subtracts X seconds per dollar donated. Anything donated *below* the first field is discarded (in this case: if someone donates \$0.99, it won't count).

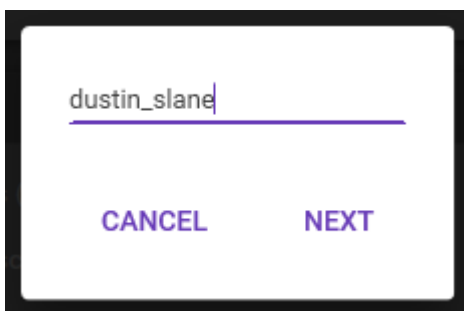
Connecting to Twitch

Press the *connect* button (1). You will see the following popup:



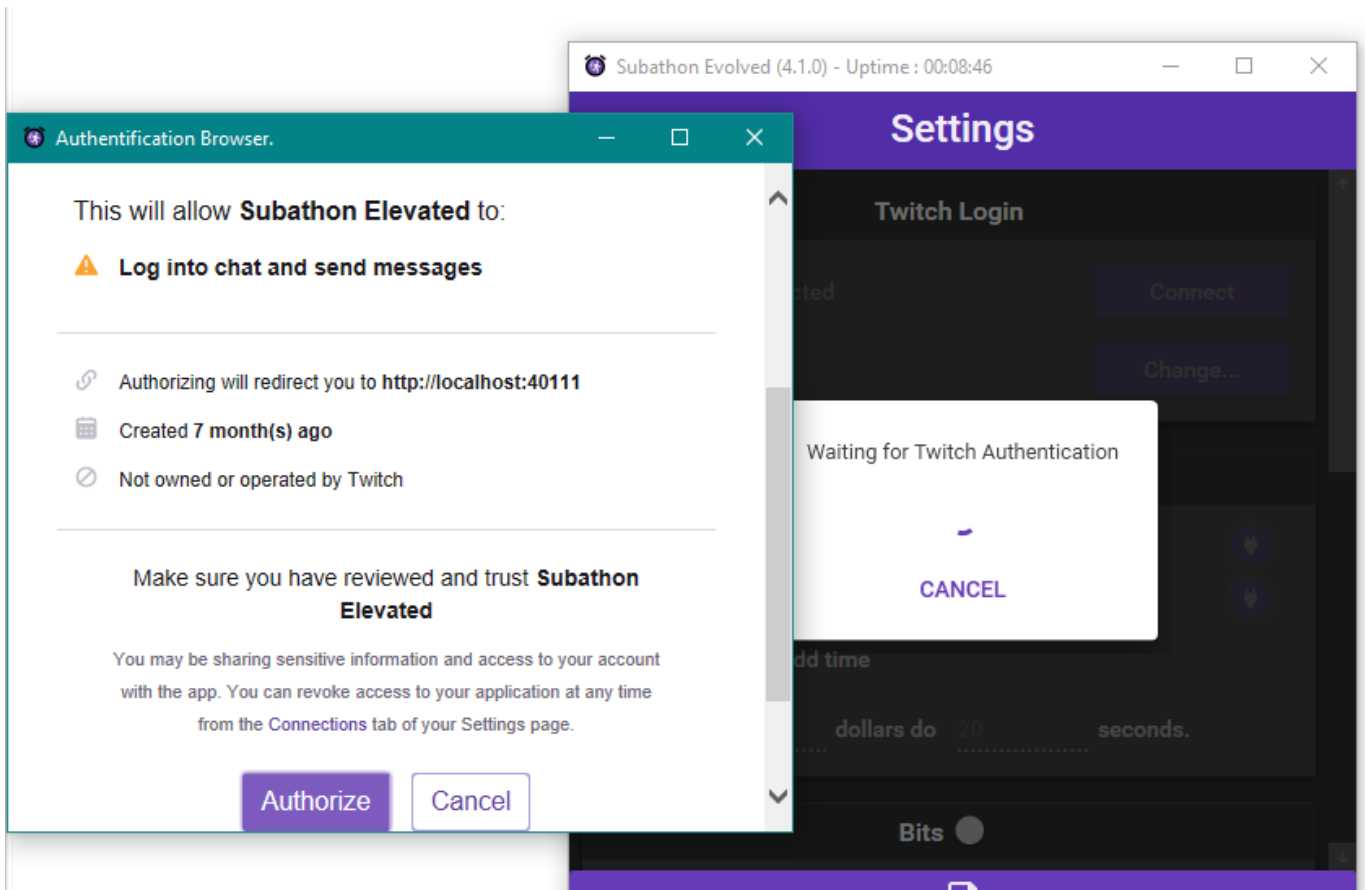
A screenshot of a white rectangular popup window with a black border. At the top left is a Twitch logo icon followed by the text "Username". Below this is a horizontal line representing an input field. At the bottom of the popup are two purple buttons: "CANCEL" on the left and "NEXT" on the right.

Fill out your Twitch username:



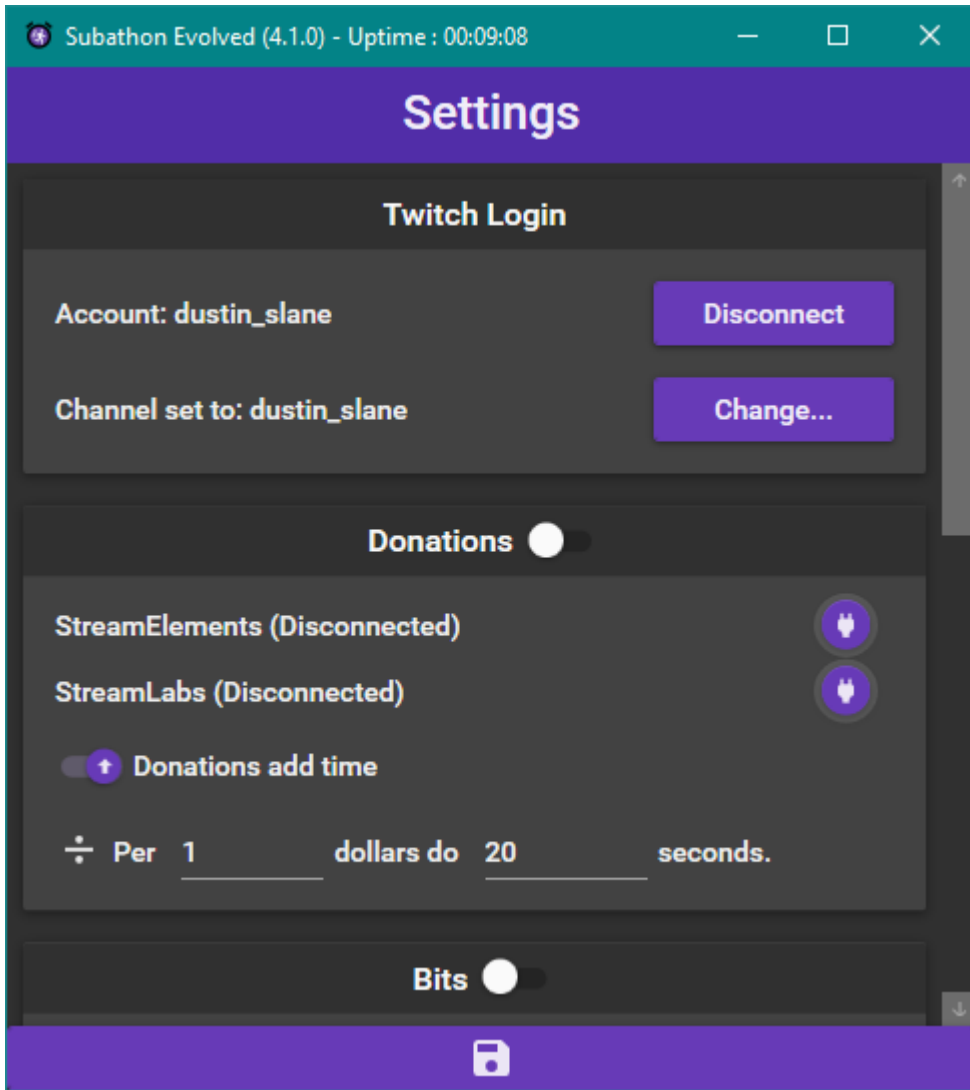
A screenshot of the same white rectangular popup window with a black border. The input field now contains the text "dustin_slane" with a purple cursor at the end. The "CANCEL" and "NEXT" buttons remain at the bottom.

Hit Next. You will be prompted to login to Twitch:



Click **Authorize**.

If successful, you will see something similar to this:

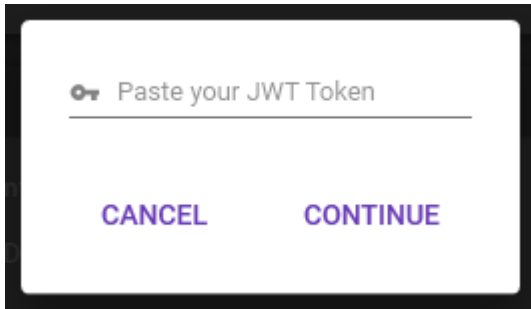


As you can see, your account and your channel will be set.

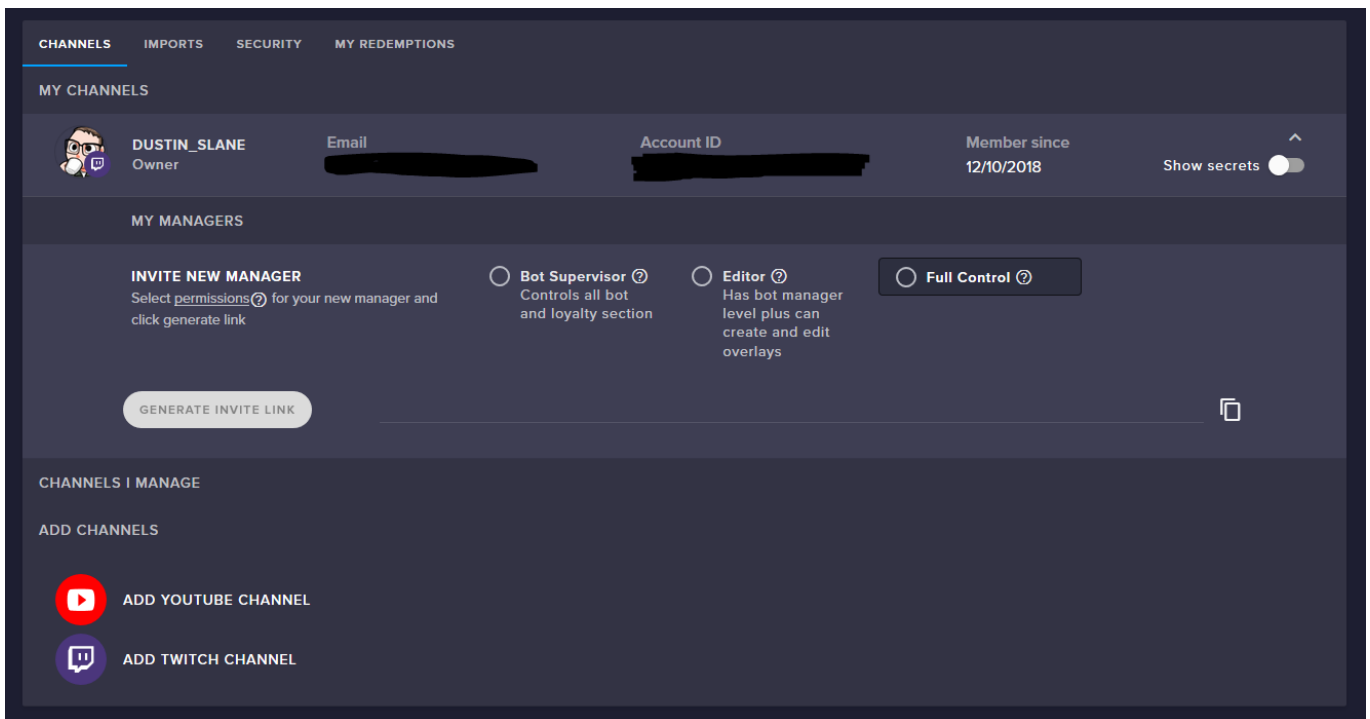
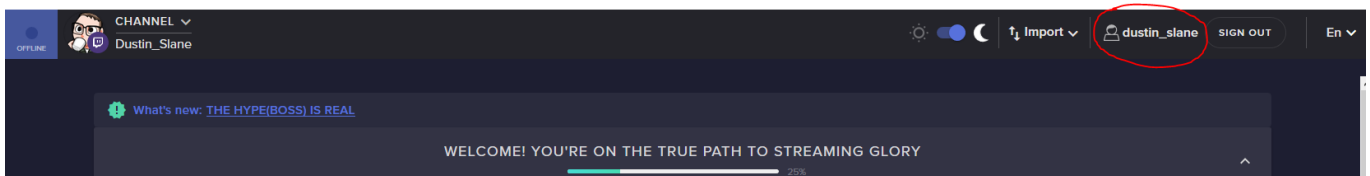
Connecting to StreamElements

In order to connect to streamelements, hit the connect button (4).

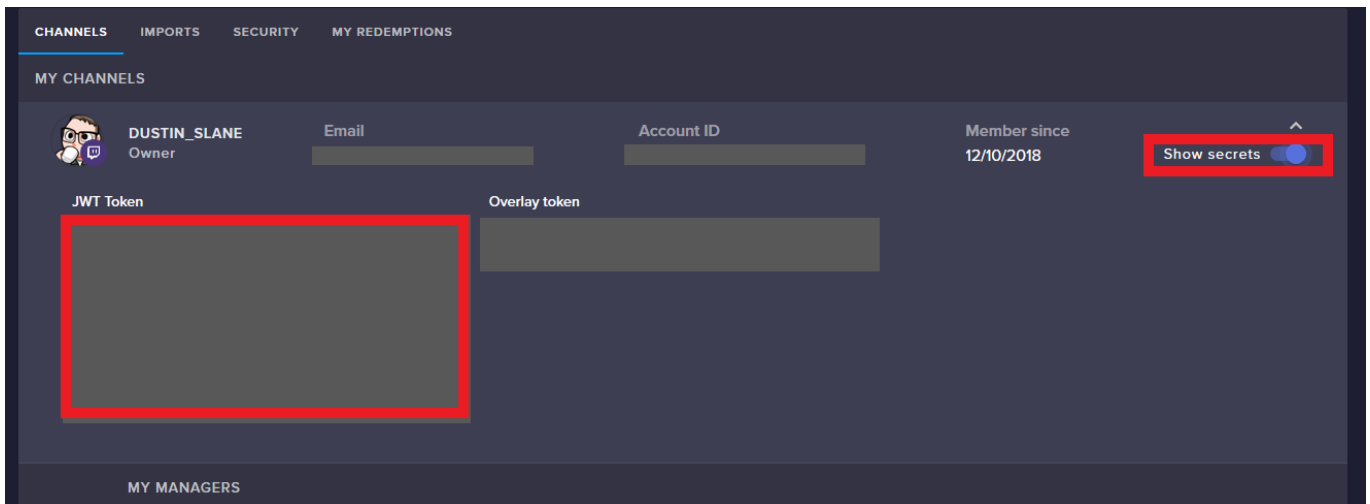
You will be prompted to enter your JWT token. You can obtain that at <https://streamelements.com> .



Login to the website, and hit your account as circled in the image below.



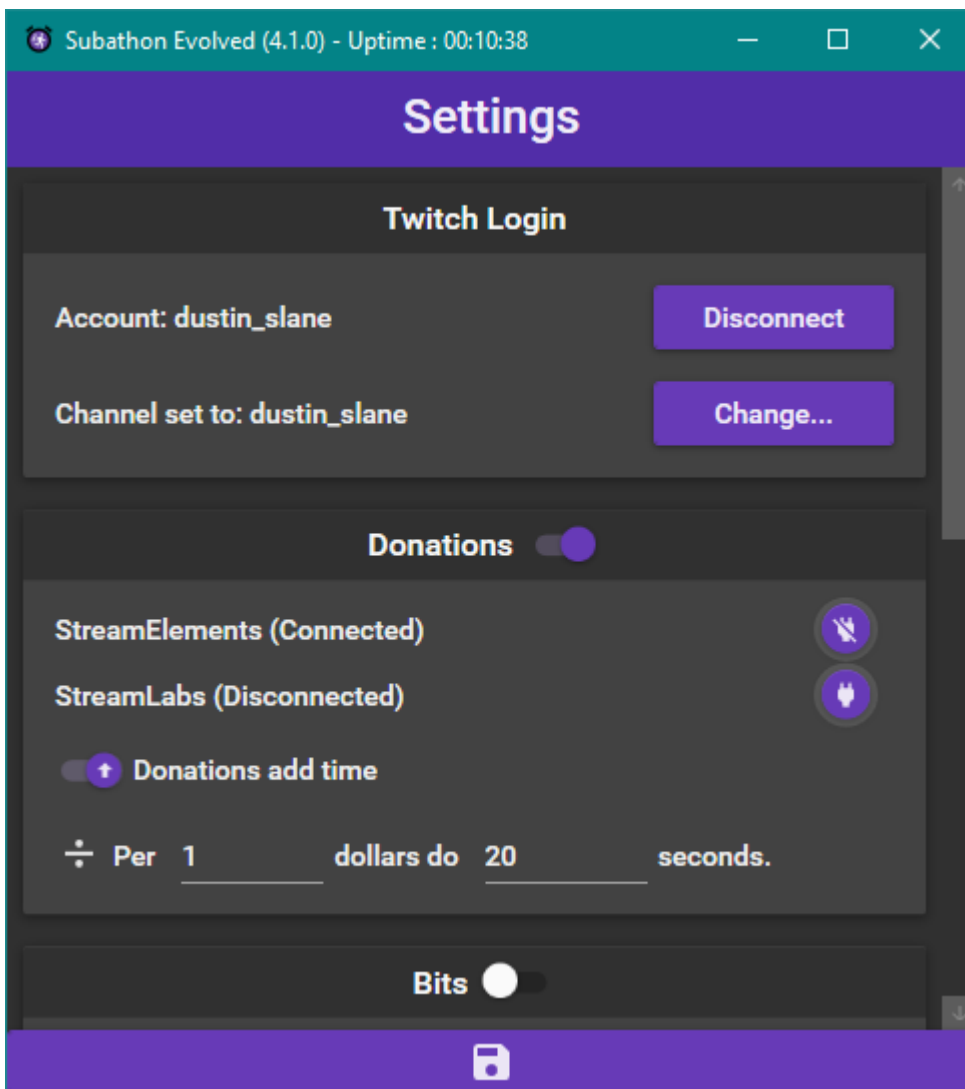
Then, hit the **Show Secrets** slider.



Copy the text in the area marked with the red outline. This is your JWT token.

Paste this token in to the subathon timer's JWT token field, and click Next.

If the connection is successful, it will look like this:



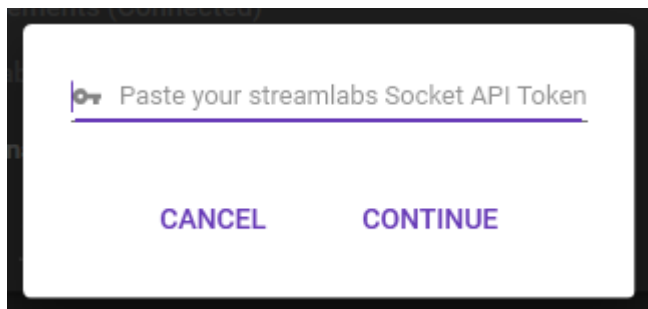
If the token is wrong, or something else is up, it will not connect.

Click the disconnect button again to disconnect.

Connecting to StreamLabs

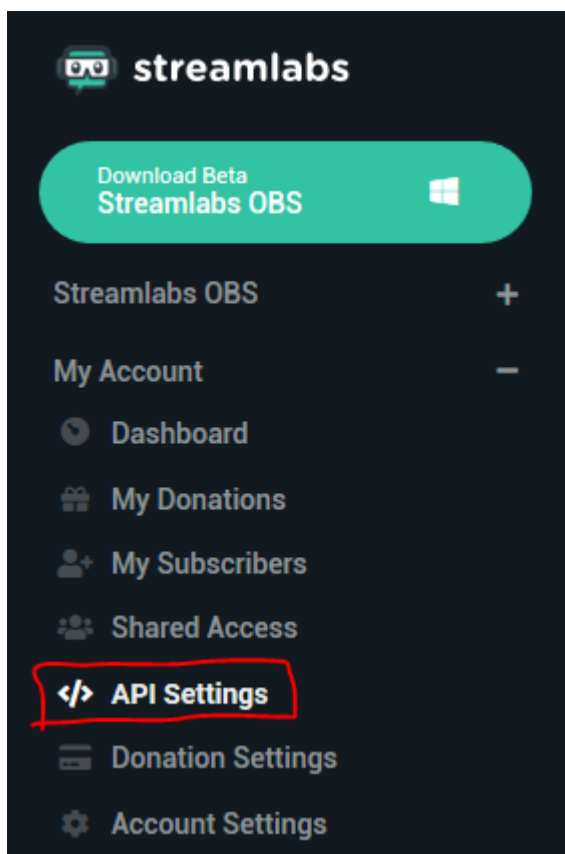
Connecting to streamlabs is almost identical as connecting to streamelements.

Click the connect button (5) and you will be prompted with another token request:

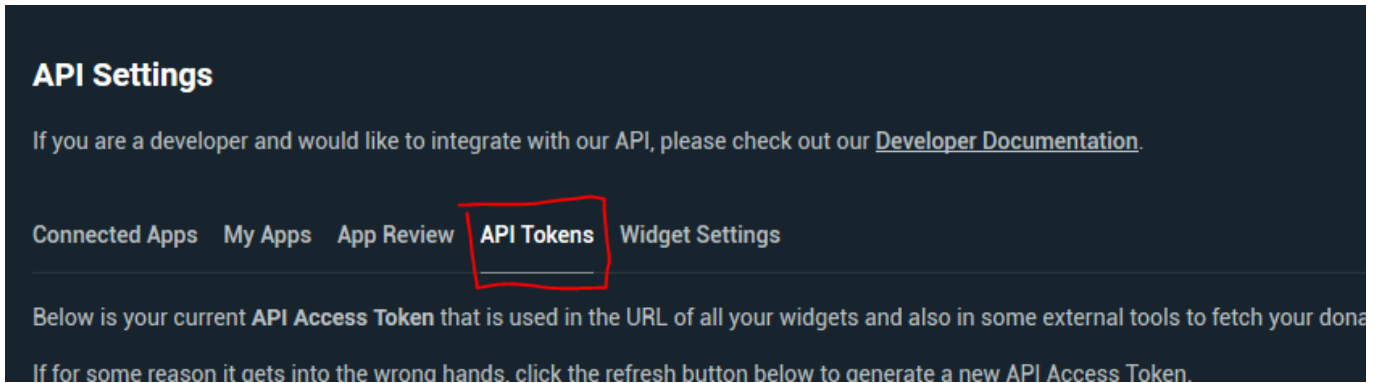


This time, it's a socket API token. You can find it on your streamlabs dashboard. Go to <https://streamlabs.com> and log in.

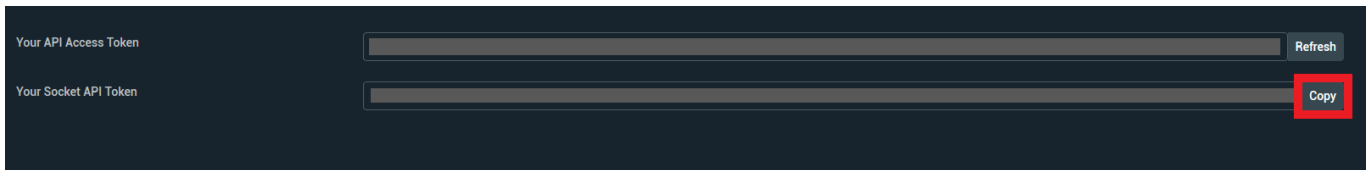
On the left-hand side, on the sidebar, you will see **API Settings**:



Then, in the top bar, click **API Tokens**

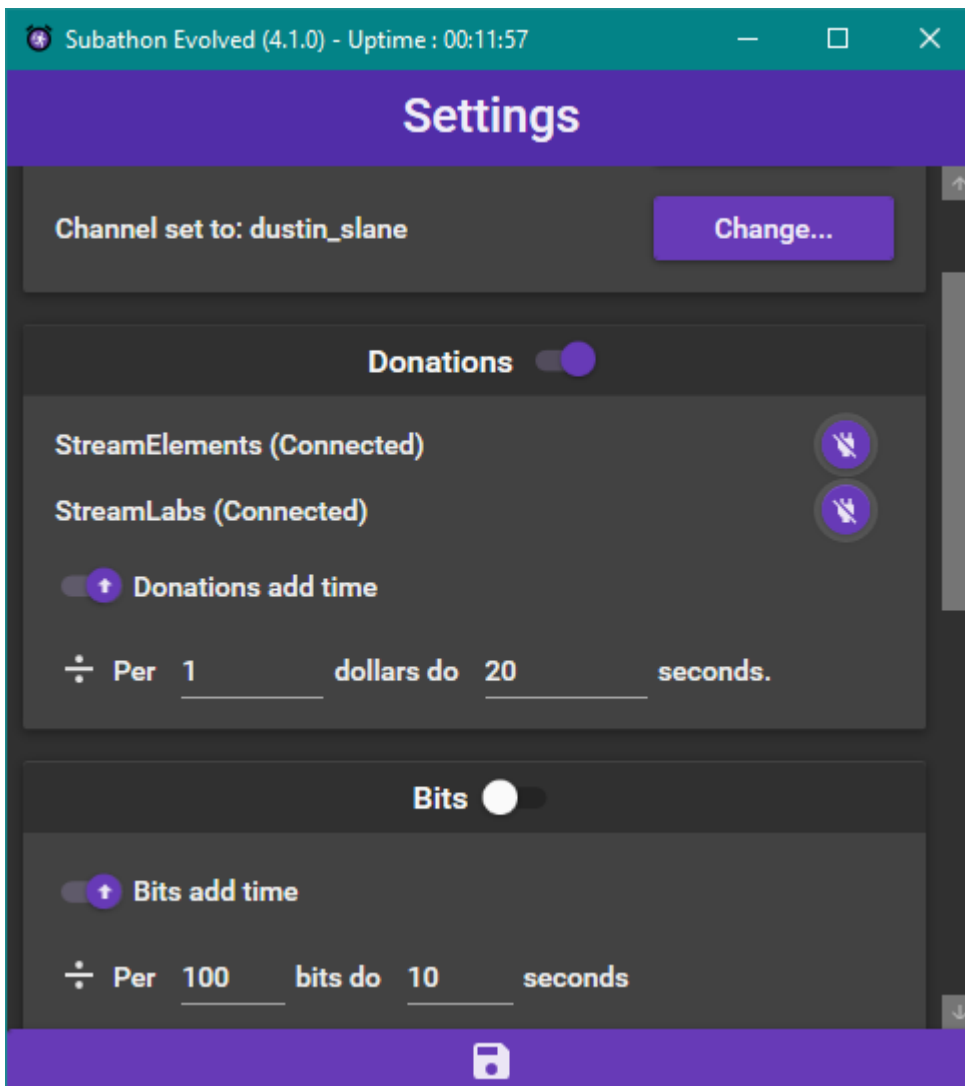


Then, click the **copy** button on the **Socket API Token**. It's the button outlined with red.



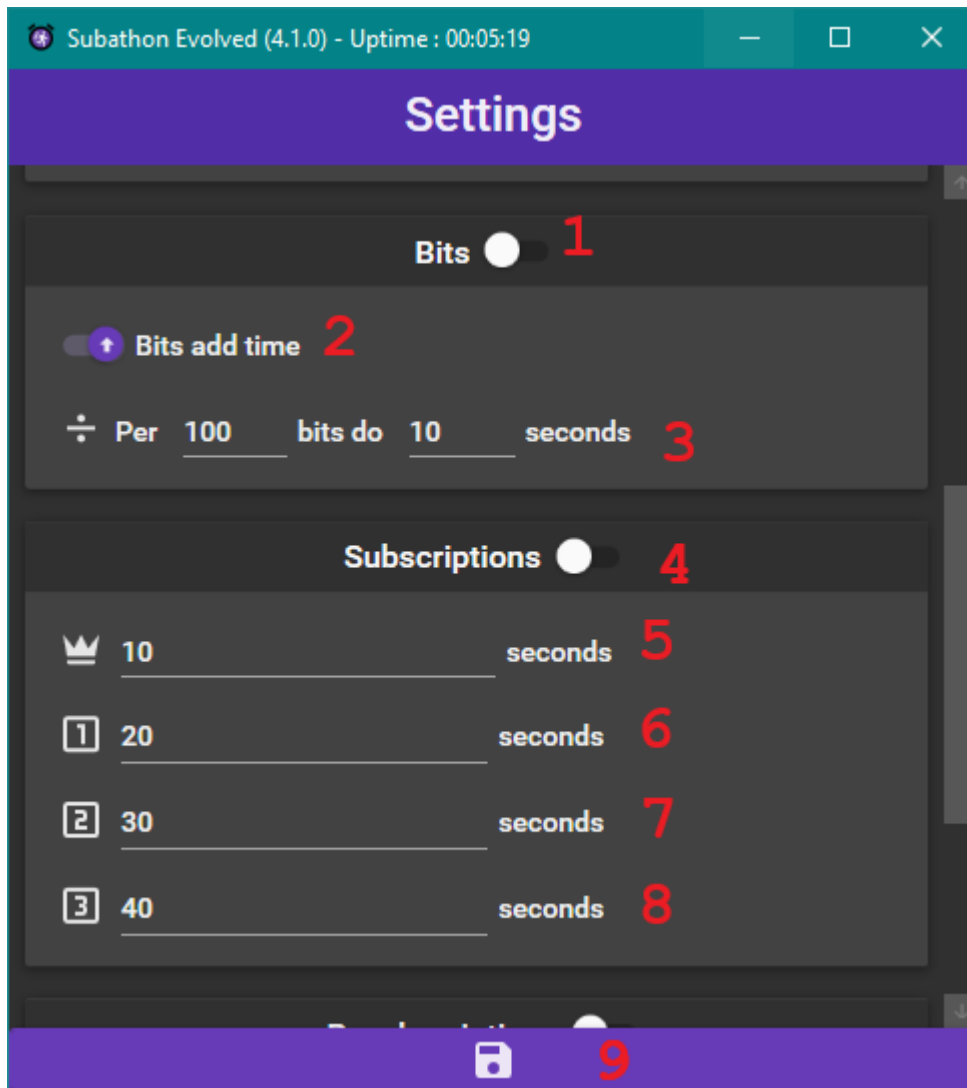
Paste this in the subathon timer token request field, and hit next.

If successful, it will look like this:



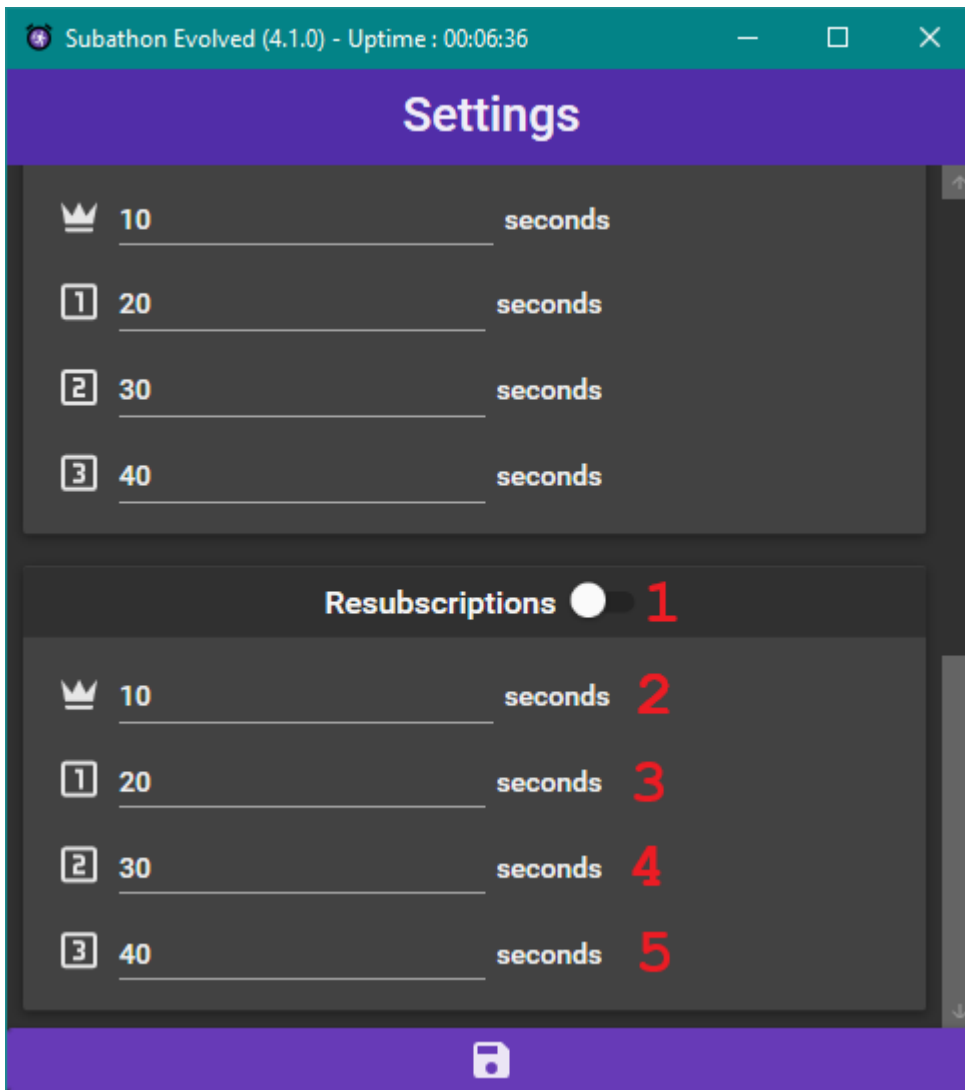
Click the connect button again to disconnect.

Setting up bits and subscriptions



What do these buttons do?

1. Enable/Disable bits. Click this slider to enable/disable bits. If enabled, it will count towards the time. If disabled, they won't count. Left(white) is disabled.
2. Let bits add/remove time from the clock. When in left position, bits lower time. In the right position, they add to the clock.
3. Set the time per donated bit. Depending on 2, this adds or subtracts X seconds per bit donated. Anything donated *below* the first field is discarded (in this case: if someone donates 69 bits, it won't count).
4. Enable/Disable subs. Click this slider to enable/disable subs. If enabled, it will count towards the time. If disabled, they won't count. Left(white) is disabled.
5. Set the seconds per Prime subscription.
6. Set the seconds per Tier 1 (\$4.99) subscription.
7. Set the seconds per Tier 2 (\$9.99) subscription.
8. Set the seconds per Tier 3 (\$24.99) subscription.
9. Save settings

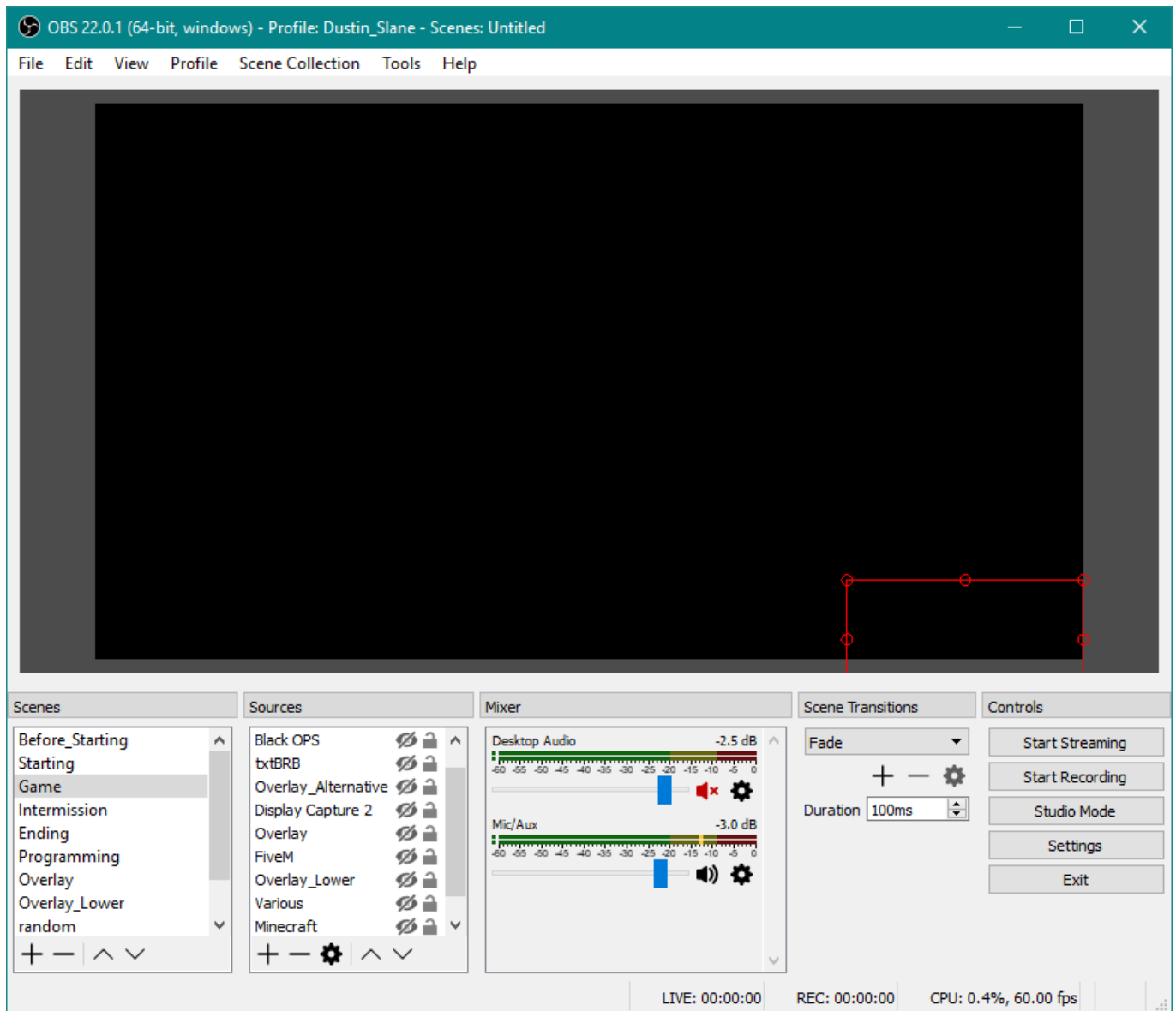


1. Enable/Disable resubs. Click this slider to enable/disable resubs. If enabled, it will count towards the time. If disabled, they won't count. Left(white) is disabled.
2. Set the seconds per Prime re-subscription.
3. Set the seconds per Tier 1 (\$4.99) re-subscription.
4. Set the seconds per Tier 2 (\$9.99) re-subscription.
5. Set the seconds per Tier 3 (\$24.99) re-subscription.

OBS

In order to display the clock and counters on your stream, you need to import them in to OBS using a [Text Source](#). Let's do that!

Step 1: Open OBS

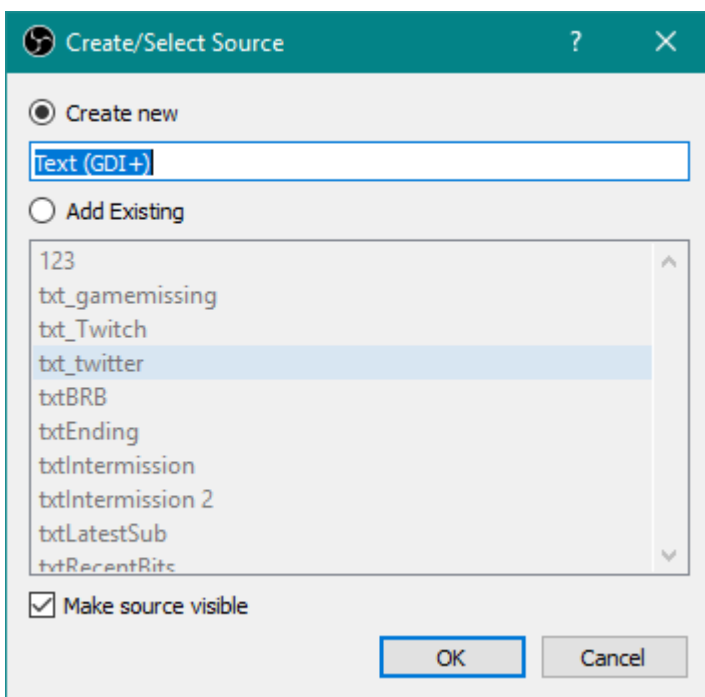


Step 2: Click the + button below your sources to add a source.

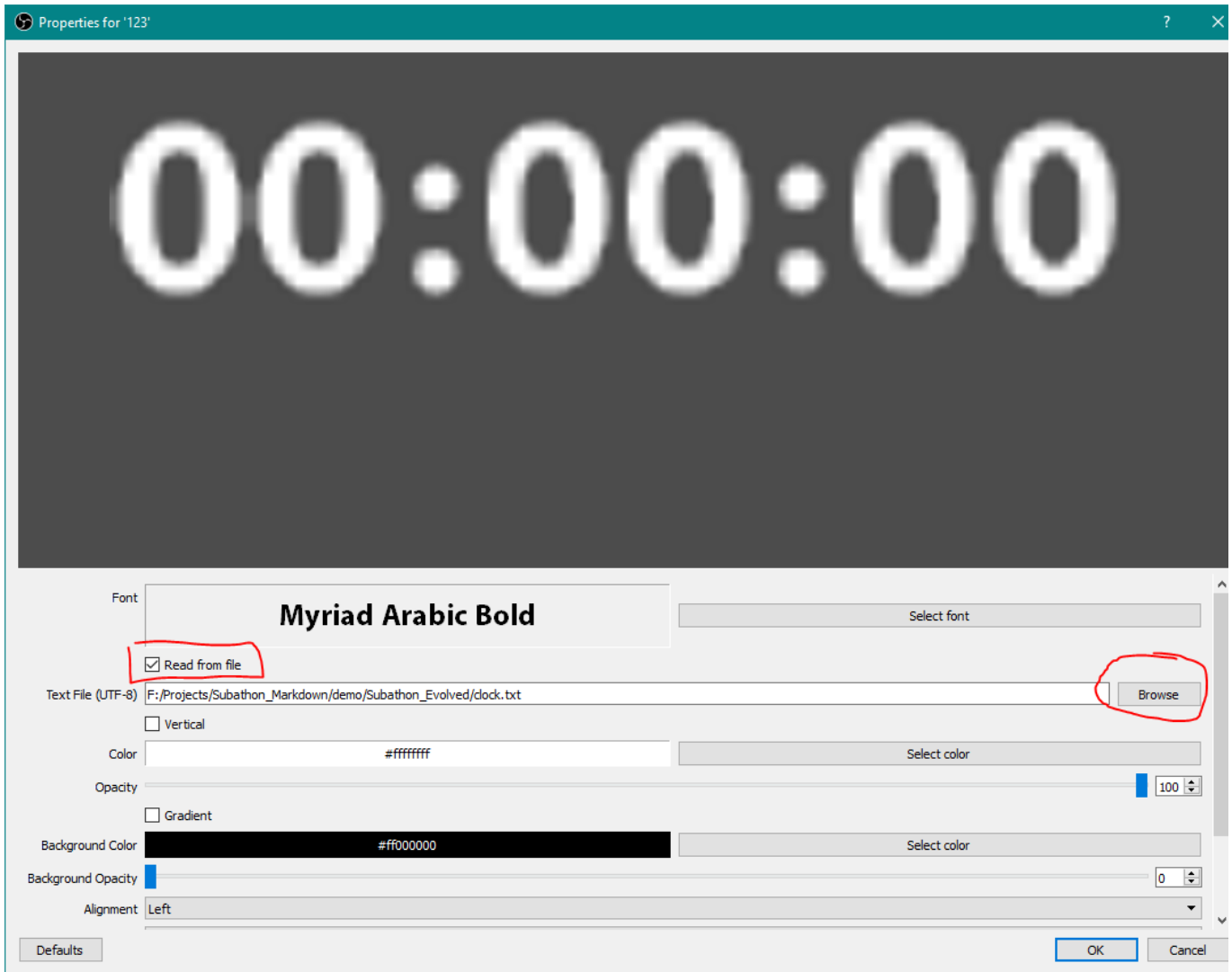


Select **Text (GDI+)** as outlined with red.

Step 3: Add a new text source.



Step 4: Select **Read from File** and **Browse** to the `clock.txt` text file. Style the clock to your liking using any font you want, and hit **Ok**.



Step 5: Done! You can now see the clock on OBS. Whenever the subathon timer clock changes, it will change in OBS too. There may be a second delay in OBS.

These five steps are the same steps for subscriptions, donations and bits.

Using the subathon timer.

When you have the timer all set up, all you have to do is start streaming! The timer takes care of everything!

If there's any problems whatsoever, feel free to shoot me a DM in discord if you have it.

~Dustin Slane.