# **LioranBoard Chatbot**

Version 1.1 (1 December 2021)

by Melonax

# Introduction

LioranBoard Chatbot was made for people who want to use a local chatbot client but do not want to use any of the alternatives, or people who already use LioranBoard and prefer to have everything in one place. It currently features:

- Chat commands (without needing extra buttons)
- Counter
- Giveaways
- Timed messages
- Queues
- Quotes
- Welcome events

Luckily for you, the LioranBoard Chatbot works out of the box. The only button that may require you to go into edit mode is the SETUP one, but that shouldn't be too complicated (I still outlined it in this document either way). Most other alteration is done via files or chat commands.

You may of course adjust the commands in the other buttons however you see fit, but this is at your own risk. Stuff can break. You have been warned.

A few of the buttons on the deck can be used via the LioranBoard stream deck app, but this is never required as they can be activated via chat as well if you so prefer.

If you have any questions, feedback or requests, please let me know! This chatbot is very new, so doesn't have all options yet, and it may have some bugs here and there. If your request is reasonable I may add it to the bot ©

You can DM me on Discord: Melonax#2978 (you should be able to if we share a server, for example the LioranBoard one).

- Melo

PS: Since LioranBoard 2 is in the works, I may move the Chatbot over to the new interface once it's done. This will allow some more options, like easier access to custom sound effects (which I decided to avoid for now, but I included some examples)!

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# Setup

# Attaching your bot account to LioranBoard (optional)

Want to use a different username to post messages to chat? Look no further! You will need an extra Twitch account for this, so if you don't have one yet, create it.

- 1. Log in to both accounts in your browser. <u>TIP:</u> I usually just leave my channel logged in regularly & open an incognito tab (ctrl+shift+N) to log into my bot account.
- 2. In the receiver window, click 'Link to Twitch'. A window will pop up.
- 3. If you already linked your channel before, click 'Unlink' and restart LioranBoard.
- 4. The **main account** will be the one used for chat, i.e. **your bot account**.

  Make sure the Account box is set to 'Main' and click Copy URL. Some yellow text will show:

Waiting for autorisation.

Do not close this window.

Paste the link into your incognito browser window (or wherever you logged into your bot account) and press enter. Your LioranBoard window should now show:

# Token was obtained succesfully.

- 5. The **alternate** account will be **your channel**.
  - Click the Account box and set it to 'Alternate 1'
  - In the Login box, type your channel name **all lowercase** (example, not eXampLe).
  - Click Copy URL. A popup will tell you to check the login name (do so). Click OK.
  - Click Copy URL again. Proceed to link your account as shown in step 3, but this time using your regular browser window (or wherever you logged into your channel).
- 6. Click Close. A popup will tell you to restart LioranBoard. Do so in step #12.
- 7. Navigate to a deck with an empty spot for a button, or create a new deck if you don't have any. Click the empty spot and select 'Create Blank Button'.
- 8. Right click the button and select 'Add commands'. A window should pop up.
- 9. Click the + button to add a command. Click the black box on the left and type join. Select 'Twitch: Join Channel'.
- 10. Enter your channel name **all lowercase** (example, not eXampLe) into the box. Set the delay box to 5000. Click Done.
- 11. Right click the button and select 'Add Twitch Triggers'. A window should pop up.
- 12. Click the + and select 'Extension Trigger'. In the box, type !transmitteralways and click Done. Click Done on the deck and restart LioranBoard. GG, your accounts are connected!

<u>NOTE:</u> The checkmark next to 'Link your Twitch' will be yellow until you connect to the Transmitter for the first time. After that it should turn green.

# Installing the chatbot

Installing the chatbot itself is simply done by installing it as an extension in LioranBoard. Follow the following steps to do so:

- 1. Open the LioranBoard receiver
- 2. Click 'Install Extension' in the left menu
- 3. Click OK on the popup
- 4. Select LioranBoard Chatbot.lbe and click Open
- 5. Click OK on the popup
- 6. Select the transmitter you normally use to connect to Twitch (you may have added it to OBS, make sure it's the same path!) and click Save
- 7. Click Yes to overwrite the transmitter

Done! A deck should have been added and the LioranBoard Chatbot tab should show in the transmitter. chatbot.ini should have been created in your LioranBoard Receiver folder (or in %localappdata%) with a few basic settings.

# **Installing further extensions (optional)**

The LioranBoard Chatbot has two features that require other extensions. To install these, you can follow the same steps as when installing the chatbot.

#### **Timers**

Using this extension, you can send one or several messages at an interval. For example: post your Discord link or other socials every x minutes.

To use the timer feature, install the Timer extension by Christina K.: https://www.dropbox.com/s/80a8bk5apc04yd3/timer.lbe?dl=0

#### Web requests

Using this extension, you can add an api URL to a chat command and get its result. For example: get a user's follow date, or your stream's uptime.

This extension also allows you to automatically add the current game to a new quote in the quotes system.

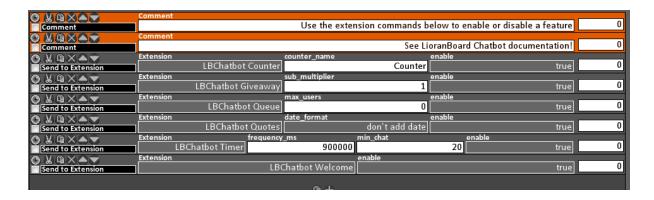
To use the web request feature, install the Web Request extension by Christina K.: https://github.com/christinna9031/LB-Web-Request/releases

#### **Enable features**

Besides chat commands (which are always active), LioranBoard Chatbot currently has 6 optional features: Counter, Giveaway, Queue, Quotes, Timer and Welcome. If you need more information, each feature has its own chapter in this document.

All optional features are disabled by default. To enable them, follow these steps:

- 1. Navigate to the LioranBoard Chatbot deck in your receiver
- 2. Right click the big 'SETUP' button
- 3. Select 'Edit commands'
- 4. You should now see the window in the image below



<u>NOTE:</u> If you don't see any options, make sure your transmitter is running. If your transmitter <u>is</u> running and nothing shows up even after refreshing, you may have installed the chatbot on the wrong file. Go back and reinstall on the transmitter you're using.

- 5. Set all features you want to use to 'true'. Some settings can be adjusted here as well. Refer to the chapters for each feature for what the settings mean.
- 6. Click Done on this (commands) window AND click Done on the deck window
- 7. Your settings should now be saved & be effective immediately\*

<sup>\*</sup> If you changed anything in the LBChatbot Timer command (including enabling/disabling it), you need to refresh your transmitter for the changes to take effect. Everything else is immediate I promise.

# **Chat commands**

## **Default chat commands**

LioranBoard Chatbot has several default commands. These commands have been added via the LioranBoard trigger window and will not show up in the !commands lists.

Refer to the FAQ-section of this document in case you want to change any of these commands, as changing some of them may break stuff if you do it incorrectly.

The following commands are always active:

Command	Required user level	Output
!commands	-	Lists all commands
		You may add sub/vip/mod/broadcaster to see the
		commands for that user level (!commands sub)
!addcommand	Moderator	Adds a command
!editcommand	Moderator	Edits a command
!delcommand	Moderator	Deletes a command

The following commands will only work if the appropriate feature has been enabled in the setup button:

Command	Required user level	Output
!quote	-	Outputs a random quote
		You may add a number to request a specific quote
!lastquote	-	Outputs the newest quote
!addquote	-	Adds a new quote
!delquote	Moderator	Deletes a quote
!count+	-	Adds 1 to the counter
!count-	-	Deducts 1 from the counter
!count reset	Moderator	Resets the counter to 0
!join	-	User joins the queue
!next	Broadcaster	Advance to next person in queue
!random	Broadcaster	Choose random person from queue
!clear	Broadcaster	Clears the queue
!give	-	User joins the giveaway
!opengiveaway	Broadcaster	(Re-)Opens giveaway
!closegiveaway	Broadcaster	Closes giveaway
!winner	Broadcaster	Selects random giveaway winner

#### **Custom chat commands**

LioranBoard has built in functionality that supports chat commands, but using that requires adding a separate button for each command. Using this system means you don't have to add *any* buttons. Both systems have their own perks (see table), and you can of course use both at the same time!

	This system	Separate buttons (see page 17)
Adding, editing & removing commands via chat	✓	X
Automatic list of commands	✓	X
Add parameters easily	✓	X
Require certain user levels	✓	✓
Sound effects	X	✓
Cooldowns	×	✓
User-specific commands	×	✓
Mid-line commands	×	✓

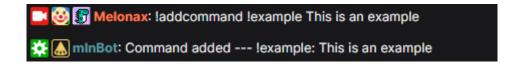
Commands can be added via chat (see below) or via the import tool (see separate document). You can also add commands by editing chatbot.ini directly, but this means the new command will NOT show up in the !commands list.

#### **Modification commands**

You may use these commands to alter your custom chat commands. The commands will automatically be added to, moved to or deleted from the appropriate commands list.

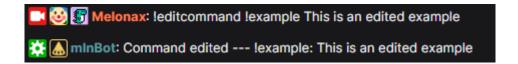
#### !addcommand

Adds a command. Requires the command name & output. !addcommand [commandname] [command output]



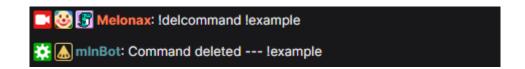
#### !editcommand

Edits a command. Requires the command name & output. !editcommand [command name] [command output]

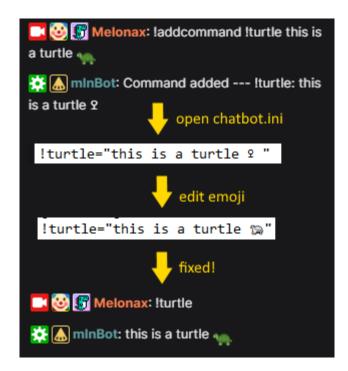


#### !delcommand

Edits a command. Requires the command name. !delcommand [command name]



<u>NOTE:</u> Some emoji and other special characters may fail to be added correctly when adding commands via chat. You can modify a previously added command via chatbot.ini (just paste the emoji in there) and it should be fixed.

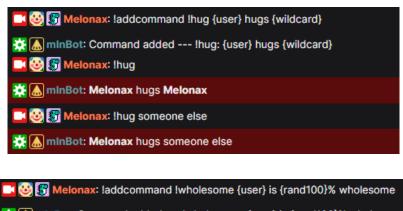


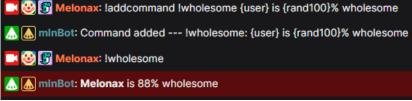
#### **Parameters**

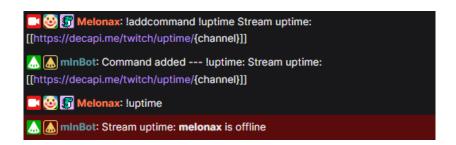
You can add parameters to your chat commands. This means adding a short phrase that will be replaced by something that will be retrieved from the message or elsewhere. The following parameters are currently available:

Parameter	Will be replaced by	
{channel}	Your channel name	
{user}	The chatter who sent the message	
{wildcard}	The word(s) after the command. Will be replaced by {user} if left empty	
	by the chatter	
{rand <i>min-max</i> }	A random number between min and max (e.g. {rand1-6})	
{rand <i>max}</i>	If no min value is listed, 0 is assumed (i.e. {rand100} = {rand0-100})	
[[api URL]]	The api result	

<u>NOTE:</u> To use the api URL option, you have to install the Web Request extension (see page 4). You can add a maximum of **two** api URL's to one message.







#### Further examples:

!addcommand !followage {wildcard} followed Melonax on [[https://decapi.me/twitch/followed?channel={channel}&user={wildcard}]]

!addcommand !title Current stream title: [[https://decapi.me/twitch/title/{channel}]]

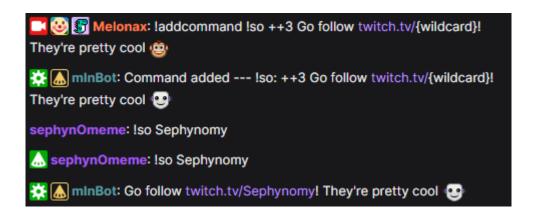
#### **User levels**

The LioranBoard Chatbot allows you to add chat commands at four different user levels.

#	User level
1	Subscriber
2	Vip
3	Moderator
4	Broadcaster

You may add a user level by adding ++1 (sub), ++2 (vip), ++3 (mod), or ++4 (broadcaster) to the output section of the command. Only one user level can be added per command.

NOTE: Chatters with a higher user level will be able to use all lower level commands



#### **Further examples:**

!addcommand !example ++3 This is a mod (& broadcaster) command

!editcommand !example You can also add it at the end if that makes more sense to you ++3

!editcommand !example You can even add it in the middle ++3 for maximum confusion why would you do this

## Counter

## Setup

Right click the SETUP button and select 'Edit commands'. Set LBChatbot Counter to 'true'. You can change the name of the current counter here as well.



<u>NOTE:</u> If you do not see any options, make sure your transmitter is running and LioranBoard Chatbot is installed on the correct transmitter.

You can only use one counter at a time, but you can swap between different counters by changing the name in the SETUP button. If you used a counter with a certain name before, you can swap back to that counter whenever you want and it will resume counting where it left off. All counters are saved in chatbot.ini.

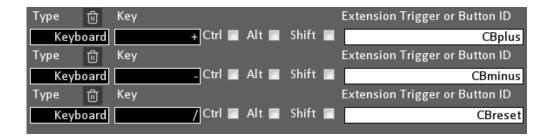
If you want to use multiple counters at the same time, feel free to copy the buttons to a different deck and adjust them however you see fit.

## Usage

The three orange buttons on the deck take care of the counter. There is one button to increase the counter, one to decrease it and one to reset it back to 0. You can tap them on your LioranBoard Stream Deck app, or use their respective chat commands:

Command	Required user level	Output
!count+	-	Adds 1 to the counter
!count-	-	Deducts 1 from the counter
!count reset	Moderator	Resets the counter to 0

If you don't have easy access to the Stream Deck app, you may want to add a keyboard shortcut (hotkey) to the counters as well. To do this, click 'Trigger Shortcut' in the left menu of the LioranBoard Receiver. Choose whatever key combination you want to use, and enter CBplus, CBminus or CBreset in the Button ID box. For example:



# **Giveaway**

## Setup

Right click the SETUP button and select 'Edit commands'. Set LBChatbot Giveaway to 'true'. You can change the sub multiplier here as well.



<u>NOTE:</u> If you do not see any options, make sure your transmitter is running and LioranBoard Chatbot is installed on the correct transmitter.

You can set the sub multiplier to a higher number if subs should have a higher chance of winning the giveaway. For example, if the sub multiplier is set to 3, subs will automatically get 3 tickets instead of 1.

Setting the sub multiplier to 0 or 1 will both be treated as "same as anyone else". Multiplier must be an integer (can't give someone 1.5 tickets!).

## **Usage**

The three purple buttons on the deck take care of the giveaway. The big button can be tapped to proceed to the next stage of the giveaway. Tapping the reopen button will wipe all tickets and restart the process. You may also use the following chat commands:

Command	Required user level	Output
!give	-	User joins the giveaway
!opengiveaway	Broadcaster	(Re-)Opens giveaway
!closegiveaway	Broadcaster	Closes giveaway (may be skipped)
!winner	Broadcaster	Selects random giveaway winner

#### **Giveaway process**

- 1. Tap the big button for the **first time** or type **!opengiveaway**The giveaway will open. This means people can start typing !give to get their ticket(s). Everyone can only enter once per giveaway.
- 2. Tap the button a **second time** or type **!closegiveaway**The giveaway will close. This means people can no longer enter the giveaway, but no winner has been chosen yet. You can do this to add suspense.
- 3. Tap the button a **third+ time** or type **!winner**A winner will be drawn. If someone wins, their ticket(s) will be removed from the giveaway so they can't win another time. You can pick as many winners as you like, until there are no more tickets left in the lottery.

# Queue

## Setup

Right click the SETUP button and select 'Edit commands'. Set LBChatbot Queue to 'true'. You can set a maximum amount of users for the queue as well.



<u>NOTE:</u> If you do not see any options, make sure your transmitter is running and LioranBoard Chatbot is installed on the correct transmitter.

If you set a maximum amount of users, people will not be able to join the queue once the cap has been reached. If you advance the queue and someone is removed, another person can join again. Set the max\_users value to 0 if there should be no maximum.

# **Usage**

The four dark green buttons on the deck take care of the queue. The big button can be tapped to advance to the next person in the queue. Tapping the random button pulls a random user from the queue, and the clear button will clear the queue. You may also use the following commands:

Command	Required user level	Output
!join	-	User joins the queue
!next	Broadcaster	Advance to next person in queue
!random	Broadcaster	Choose random person from queue
!clear	Broadcaster	Clears the queue

For your convenience, the big button will display the next 5 users in the queue, as well as the total size of the queue.

# Quotes

## Setup

Right click the SETUP button and select 'Edit commands'. Set LBChatbot Quotes to 'true'. You can set up whether you want to include the current game and date as well.

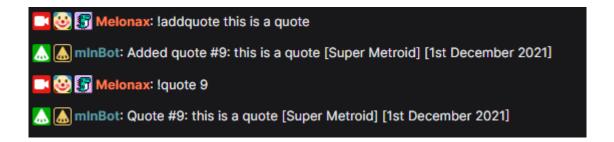


<u>NOTE:</u> If you do not see any options, make sure your transmitter is running and LioranBoard Chatbot is installed on the correct transmitter.

#### **Current game & date options**

If enabled, the current game and date will show up in [square brackets] behind the quote when it's added. Possible formats for the date are [1st January 2021] or [January 1st 2021]. Be aware that the current game will be updated every 5 minutes, so the wrong game may show up if a new quote is added immediately after switching categories.

NOTE: If you wish to add the current game to the quote, you need to install the Web Request extension (see page 4)! Enabling the option without having this extension installed will cause the game to show as [???]



# **Usage**

The four light green buttons on the deck take care of the quotes. You can tap the !quote/!lastquote button to output a random quote to chat, but your chat may get more use out of the following commands:

Command	Required user level	Output
!quote	-	Outputs a random quote
		You may add a number to request a specific quote
!lastquote	-	Outputs the newest quote
!addquote	-	Adds a new quote
!delquote	Moderator	Deletes a quote

# **Timer**

NOTE: To use this feature, you need to install the Timer extension (see page 4).

# Setup

Right click the SETUP button and select 'Edit commands'. Set the LBChatbot Timer to 'true'. You can change the frequency and minimum chat lines here as well. Whenever you change any of the Timer settings (including disabling/enabling it), you should refresh the transmitter you're using. This is not needed for any of the other features.



<u>NOTE:</u> If you do not see any options, make sure your transmitter is running and LioranBoard Chatbot is installed on the correct transmitter.

The timer will automatically send the next message on the list to chat at the interval you specified, but only if more than the minimum chat lines have been posted since the previous message. The table below can be helpful to figure out how many MS you need to enter:

Post a message every	Frequency in MS
5 minutes	300000
10 minutes	600000
15 minutes	900000
30 minutes	1800000
1 hour	3600000

# **Adding timer messages**

To add messages to your timer, you will have to edit chatbot.ini (should be in your Receiver folder, see FAQ). Open it in notepad or similar, and add your timers under the [timer] section as below. You can add as many messages as you like.

```
[timer]
1="First timer message"
2="Second timer message"
3="Third timer message"
```

Save the file. The changes are effective immediately.

# Welcome events

## Setup

Right click the SETUP button and select 'Edit commands'. Set LBChatbot Welcome to 'true'.



<u>NOTE:</u> If you do not see any options, make sure your transmitter is running and LioranBoard Chatbot is installed on the correct transmitter.

The welcome events will automatically send a message to chat when a specific user speaks in chat for the first time that (LioranBoard) session. You can use this to welcome your regular viewers! Want to welcome everyone? Right click the red WELCOME events (text) button, click 'Edit Commands' and alter the Twitch: Chat message command. You do not need to change anything else.

# Adding welcome messages

To add messages to your welcome events, you will have to edit chatbot.ini (should be in your Receiver folder, see FAQ). Open it in notepad or similar, and add your timers under the [welcome] section as such:

```
[welcome]
lioran="Hey there Lioran :)"
sebas="Welcome Sebas"
christinna="Hello Christinna"
```

NOTE: The usernames should be all lowercase (example, not eXampLe)!

Save the file. The changes are effective immediately, but if the user already talked in your chat before during this session you may have to restart LioranBoard to test ☺

# **Separate LB buttons**

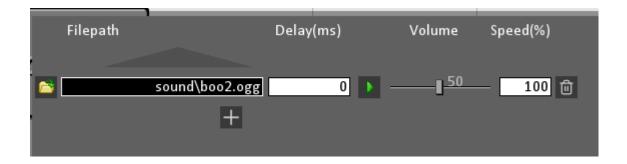
If you're looking for something a little more advanced, this is where the real power of LioranBoard comes in. Add a new deck and start adding buttons! Just click an empty space and select 'Create Blank Button'. Make sure to always press Done on both the edit window AND the deck view so you're back at the main menu before testing, otherwise your changes haven't been saved.

I've outlined a few of the more common chatbot-features below. If you're looking for something else, make sure to check out the LioranBoard documentation at <a href="https://lioranboard.ca">https://lioranboard.ca</a>. Feel free to ask away in the LioranBoard Discord server as well (link on website)!

## Sound effects

Want a chat command to cause a sound effect? Follow these steps:

- 1. Add a new button
- 2. Right click the button and select 'Add sound effects'
- 3. Select your file
- 4. Click the play button to test and alter the volume if needed
- 5. Click Done
- 6. Right click the button and select 'Add Twitch Triggers'
- 7. Select the trigger of your preference. This can be a Chat Message or any other alert!
- 8. Click Done & Done
- 9. Success!



<u>NOTE:</u> LioranBoard only supports .ogg files. You can use the free audio software Audacity to convert your file to .ogg.

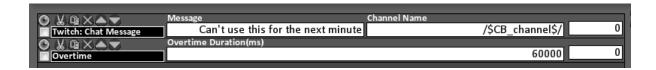
<u>NOTE</u>: No sound? Check if the file has been added to the /sound folder in the LioranBoard Receiver(PC) folder.

<u>NOTE:</u> Still no sound? LioranBoard plays audio through whatever device was the Windows default when the program was launched. Restart it if you wish to change the device.

#### **Cooldowns**

To add a cooldown to a button, follow these steps:

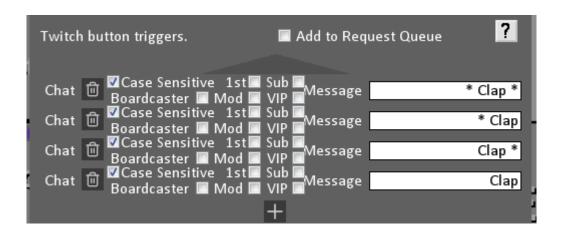
- 1. Add a button and your desired effects/triggers
- 2. Right click the button and select 'Add Commands' (or 'Edit Commands')
- 3. Click the + sign
- 4. Select the black box on the command that appeared and type 'Overtime'
- 5. Add how long the cooldown should last in MS
- 6. Click Done & Done
- 7. Success!



## Mid-line triggers

If you want a chat command that works independently of where a word appears in the sentence (for example, whenever someone says 'Clap'), you need to add 4 triggers. Follow these steps:

- 1. Add a button and your desired effects
- 2. Right click the button and select 'Add Twitch Triggers'
- 3. Click the + sign
- 4. Choose 'Chat Message'
- 5. Do this another three times
- 6. Copy the screenshot below (with your word of preference)
- 7. Click Done & Done
- 8. Success!



# **User-specific commands**

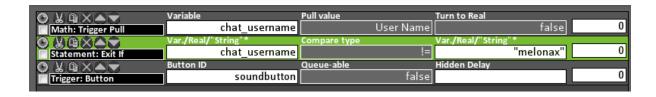
To make a command user specific, you will have to follow these steps:

- 1. Add a button and your desired effects/triggers
- 2. Right click the button and select 'Add Commands' (or 'Edit Commands')
- 3. Click the + sign
- 4. Add a Math: Trigger Pull command
- 5. Give the variable a name (e.g. chat\_username), set the pull value to the username or display name for the trigger you added to the button, and set turn to real to 'false'.

NOTE: User Name = all lowercase, Display Name = InCluding CapitAls

- 6. Add an Exit if statement
- 7. Set it to 'Exit if chat username != "username"
- 8. If you already had some commands on this button, select both commands you just added and drag them to the top of the button.
- 9. Click Done & Done
- 10. Success!

<u>NOTE:</u> The Exit if statement will not stop any sound effects. Want a user specific sound effect? Add the sound to another button and use a 'Trigger Button' command to trigger that button via this one!



# **FAQ**

#### Where can I find chatbot.ini?

This depends on your PC. To find out, run the LioranBoard Receiver. The bottom left of the main window (on the grey background, near 'About') should say either 'Local' or 'AppData'.

#### Local

Navigate to your LioranBoard folder and open the LioranBoard Receiver(PC) folder. chatbot.ini should be there!

#### **Appdata**

Type %localappdata% into your file explorer navigation bar and press Enter. Find and open the LioranBoard folder, chatbot.ini should be there!

# How do I adjust a message that's being sent to chat?

Some buttons will automatically send a predefined message to chat. If you want to change that message or get rid of it, find the appropriate button, right click it and select 'Edit Commands'.

Find the 'Twitch Chat Message' command you want to change. Some of the buttons are a lot more complicated than others and may be a bit harder to weed through, but all the messages are in there somewhere! The command you're looking for will look somewhat like this:



If you wish to use a variable in the message, enclose it in /\$ \$/ like in the example above. If you don't want to send a message at all you can simply leave the Message box blank or delete the command altogether using the X on the left.

# How do I adjust the default chat commands?

The default chat commands and their user levels are coded into the Twitch Triggers window for each button. To get to that window, right click the appropriate button in the LioranBoard receiver and select 'Edit Twitch Triggers'.

#### **Editing user levels**

You may edit the user levels however you wish, by (un)checking the box for each level. This should not cause any issues.

Be aware that the requirements stack, so if you would select both 'Mod' and 'Sub' on the same trigger, the chatter has to be both modded **AND** subbed to use the command. Add extra triggers if you want to specify more than one user level.

## **Editing command names**

For most buttons, you can change the command name without any issues. If you see a command has been added **multiple times in different ways**, make sure to stick to that format and only change the name (for all instances)!

There are a six commands across two buttons that need some extra steps if you want to modify them. If you don't follow these steps but just change the trigger itself, the buttons will stop working. The table below explains what to do:

Command	Button	Steps
!addcommand !editcommand !delcommand	COMMANDS add edit delete	<ol> <li>Right click button → Edit Twitch Triggers.</li> <li>Change the command names to what you want them to be. Make sure to stick to the format!</li> <li>Click Done.</li> </ol>
!closegiveaway !winner	GIVEAWAY 0 tickets in lottery  Last winner: -	<ol> <li>4. Right click button → Edit Commands. This may look a bit intimidating.</li> <li>5. There should be 1 If Statement for every command name. Look for the If Statement that shows the command you want to change.</li> <li>6. Change the command name to your new</li> </ol>
	Tap to open	command. Make sure it's enclosed in quotes! 7. Repeat for any other commands you changed. 8. Click Done.

Changing the trigger will not affect the text on the button (and vice versa). If you want to change the text, right click the button and select 'Change text'.