

# Intro to Webhooks

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Discord's built in **Webhooks** function as an easy way to get automated messages and data updates sent to a text channel in your server.

Think of them as one of those fancy pneumatic tube things you used to love sending money into at a bank and watch disappear, but instead of never seeing your money again, you're actually sending messages into Discord from another platform.

By creating a webhook endpoint in your server, you'll generate a Webhook URL that you can drop into a number of different other services to link the two.

While everyone absolutely loves pneumatic tubes (100% true), it's important to note that **webhooks require another website to use (though programming-inclined users can make their own tube schoomper themselves)**.

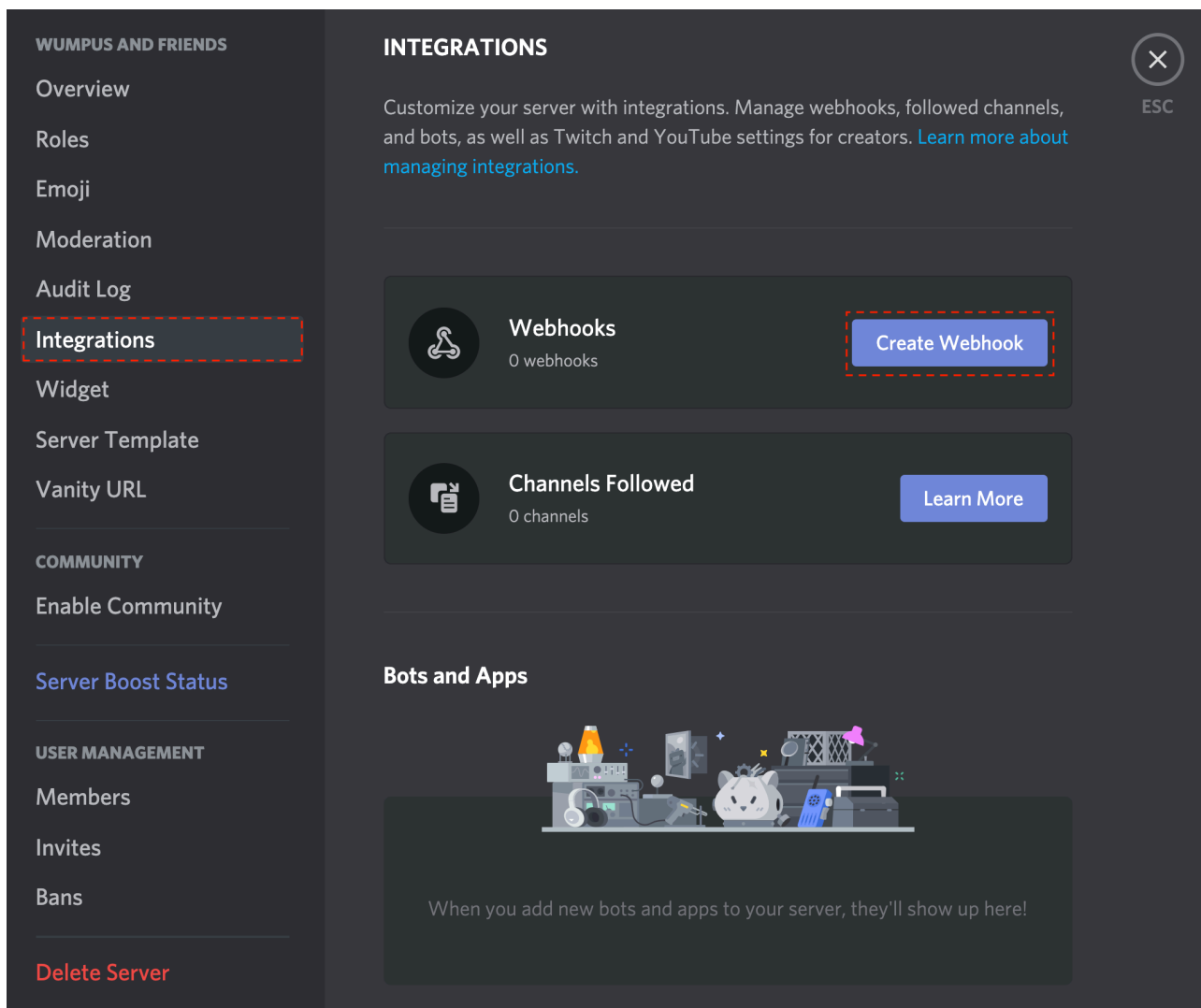
Some services and websites are built to easily incorporate webhooks and send messages outwards, but some aren't. Here's a little handy reference list:

Can use webhooks:	Can't really use webhooks:
GitHub	Twitch / YouTube
CircleCI	Nelly The Hamster
DataDog	Facebook

## Making a Webhook

With that in mind, if you want to update your Discord server with **GitHub commits and pull requests** or **track analytics from DataDog** or anything similar, here's how!

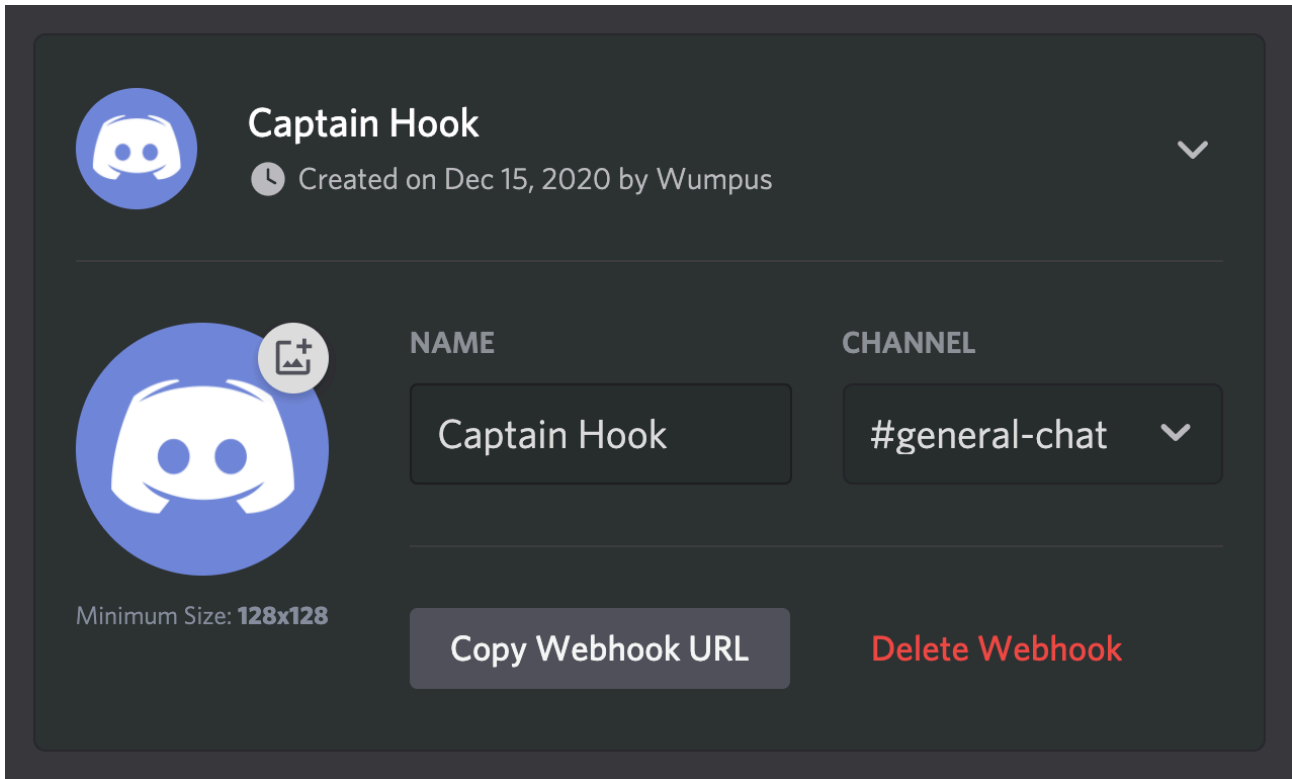
1. Open your **Server Settings** and head into the **Integrations** tab:
2. Click the "**Create Webhook**" button to create a new webhook!



You'll have a few options here. You can:

- **Edit the avatar:** By clicking the avatar next to the Name in the top left
- **Choose what channel the Webhook posts to:** By selecting the desired text channel in the dropdown menu.
- **Name your Webhook:** Good for distinguishing multiple webhooks for multiple different services.

You now have your own handy URL / pneumatic tube *schoomp*-er that you can link to more websites to receive messages from.



## Quick Example: GitHub Webhook Integration

Since webhooks can't really function on their own and need to be linked to another website to function as intended, I figured it'd be best to include a sample integration for any of you GitHub enthusiasts and code-pushers.

You can use Discord's webhooks to send any code merge or push updates in a repository of yours into a text channel in your server.

### 1. Get the webhook URL for the server/channel you want to receive messages:

In my server, I've created a text channel labeled #general-chat and I want my repo updates to post messages here!

Therefore, I'll grab the webhook URL for this channel by pressing the **Copy Webhook URL** button:

## INTEGRATIONS > WEBHOOKS

Webhooks are a simple way to post messages from other apps and websites into Discord using internet magic. [Learn more](#), or try [building one yourself](#).

New Webhook

POSTING TO #GENERAL-CHAT

Captain Hook  
Created on Dec 15, 2020 by Wumpus

NAME: Captain Hook  
CHANNEL: #general-chat

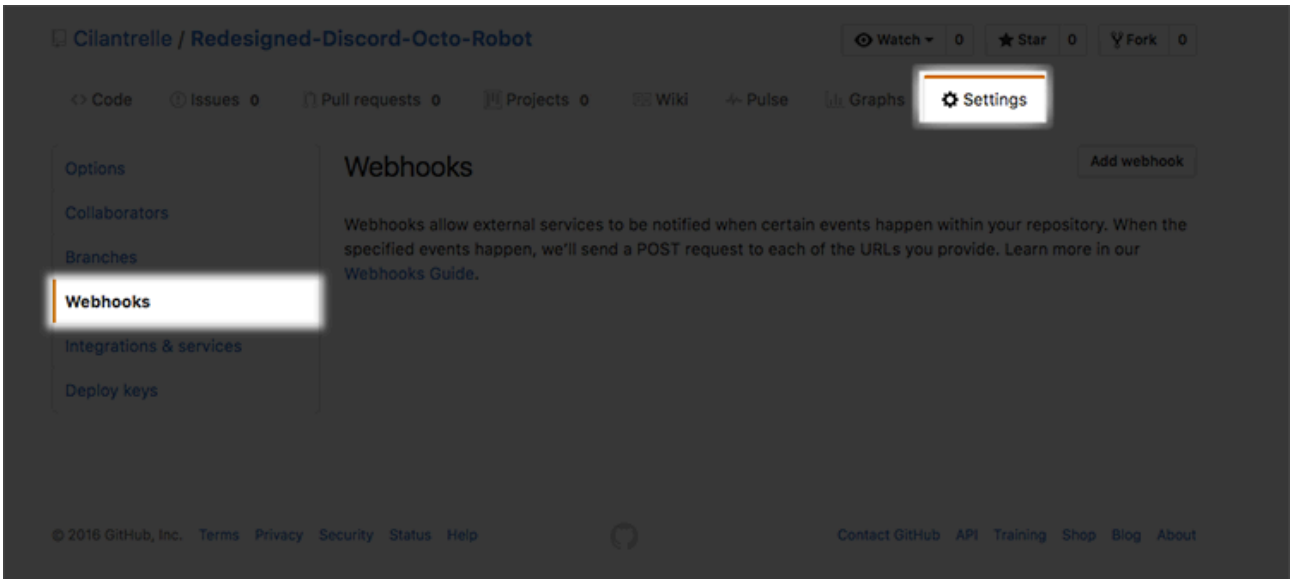
Minimum Size: 128x128

Copy Webhook URL    Delete Webhook

### 2. Add the webhook URL into your GitHub repo settings

Choose the repository that you'd like to get updates from in your Discord server. Once you've selected the repo, go into the Settings > Webhooks menu

And then click the "Add webhook" button, and enter the Discord-generated URL in the "Payload URL" blank.



**To make the webhook display messages properly, it's really really really REALLY really important that you append '/github' at the end of it. Yes, like five-reallys important.**

In addition to the URL, you have some more GitHub-specific options to choose from. For **content type**, stick with application/json. Discord's webhook format really likes JSON. In the next section, you can choose to customize what kind of events trigger webhook messages.

**Payload URL \***  
!m7OClixAALKnrhLrt41QSw9yDa3jdbT8dFSZRcDjDOEEp/github

**Content type**  
application/json

**Secret**  
[Empty field]

By default, we verify SSL certificates when delivering payloads. **Disable SSL verification**

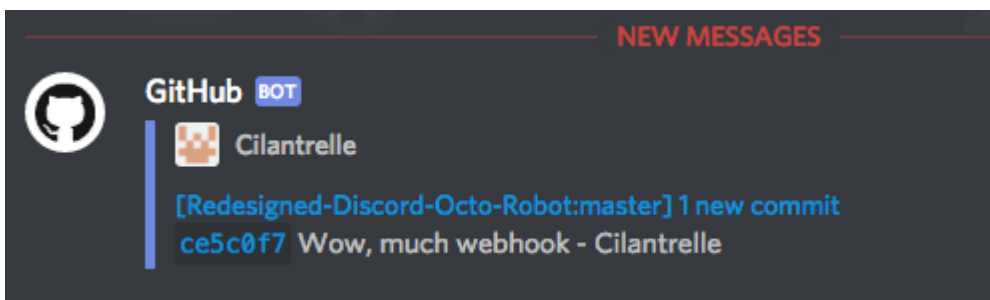
**Which events would you like to trigger this webhook?**

- Just the push event.
- Send me everything.
- Let me select individual events.

**Active**  
We will deliver event details when this hook is triggered.

**Add webhook**

Click the last "Add webhook" button beneath the event notifications customization option, and you're all set! Pushing any updates in the repo (including editing the readme file) will show up in your text channel:



And you're all set! GitHub is just one example of an integration that can post messages via webhook. If you've got a knack for JSON application-building or HTTP POST requests and want to customize your own webhooks, you can dig up some more information in [our developer docs](#).