



How to Make a FB Messenger Chat Bot

In 1 Hour with Little or No Programming

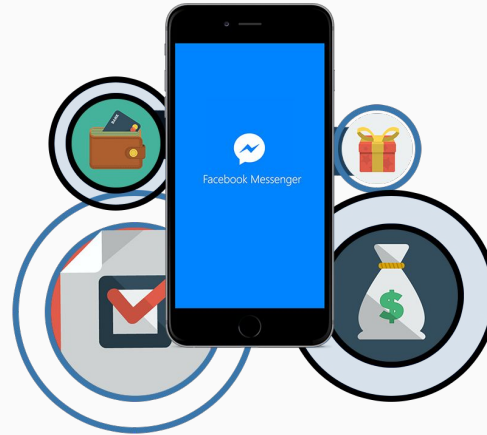


Step by Step Video Video Tutorial

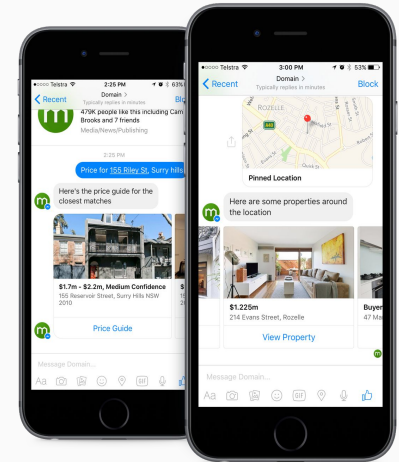
Building a FB Messenger Chat Bot in 1hr



Part 1: Putting Bot on in the Cloud



Part 2: Connecting your Bot with FB Messenger



Part 3: Manipulating Your Bot

What you'll Need



GitHub





Part 1: Putting Your Bot on the Cloud

Download Node.js

We will be using JavaScript and Node.js for this tutorial.

You do not need to know node.js or be a coder. Sample code is provided.

[Download Node.js](https://nodejs.org): <https://nodejs.org>



Visual Studio IDE

Visual Studios is a very simple and fund IDE that supports js.

Visual Studios is Free and you can Download it from Microsoft.

Download: <https://code.visualstudio.com/Download>



Visual Studio

GitHub Repository

GitHub is a Great repository for your code. You can also collaborate with developers and get sample code.

You can download project sample code here:

Sign up at: <https://github.com/>

GitHub



1. Heroku Hosting

Heroku offers free accounts and is a great place to host your chat bot.

Sign up at: <https://www.heroku.com>

2. Heroku Toolbelt

Download Heroku toolbelt to be able to launch, stop and monitor instances.

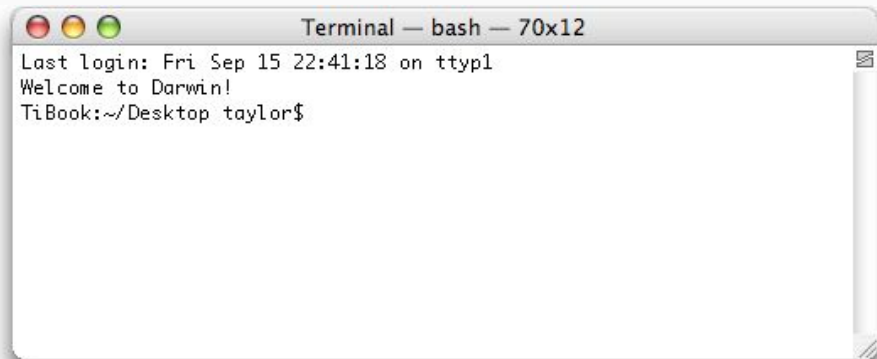
Download: <https://toolbelt.heroku.com>



HEROKU

Setting up NPM & Dependencies

1. Open Up Terminal / Command Line



2. Create Project Folder



3. In Command Line:

Make Sure you have latest npm:
`sudo npm install npm --global`

To Initialize npm in Project: `npm init`

Install Node Dependency for sending and requesting messages:

```
npm install express request body-parser --save
```

Index.js

This is the main working file for your app. If you don't have an index.js file or code you can do one of the following:

1. Use our Parrot Bot Code
2. Create own Bot App
3. Get Sample Bot Code from online repository

Using Parrot Bot Index.js File

Step 1: Join FB Chat Bot Group:

<https://www.facebook.com/groups/aichatbots>

Step 2: Get Files from Group:

<https://www.facebook.com/groups/aichatbots/files/>

Step 3: Copy & Past or Download File Named, "Sample Code for Parrot Bot" and save it as an index.js file in your Project Folder

[OR Get Parrot index.js via email:
click here](#)

Procfile

Procfile lets Heroku know what files to run. Creating a Procfile takes one line of code:

```
web: node index.js
```

Save it as 'Procfile' in your project.

You can also use procfile sample in <https://www.facebook.com/groups/aichatbots/files/>

[OR Get Parrot Procfile via email:](#)
[click here](#)

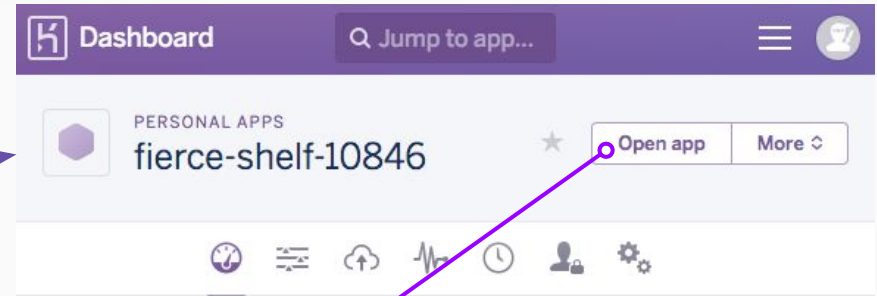
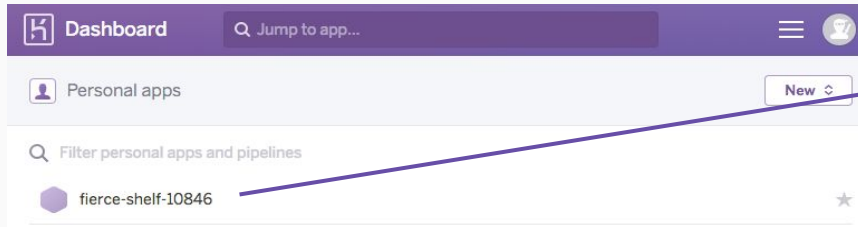
Deploy Code to Heroku

In Terminal type:

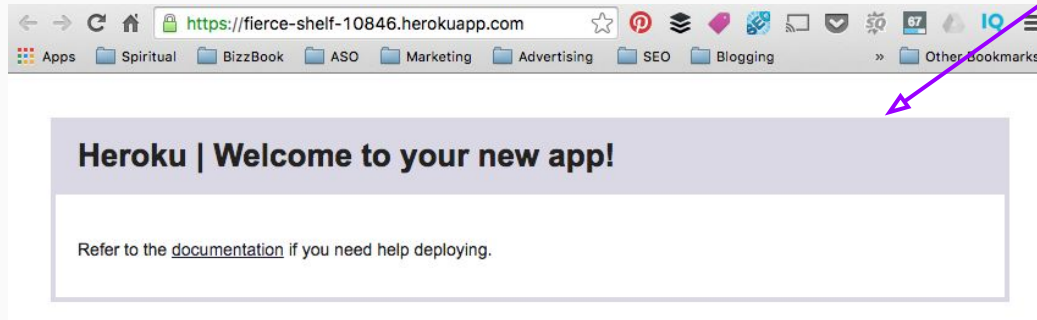
1. `git status` //this will show you all of the files not yet committed to server
2. `git add .` //this will add new/updated files
3. `git commit -message 'your message'`
//this commits code
4. `git push heroku master` //this pushes your code to heroku and deploys it

Congrats, Your App is Alive!!!

1. Go to your Heroku Dashboard



2. Select App then Open it



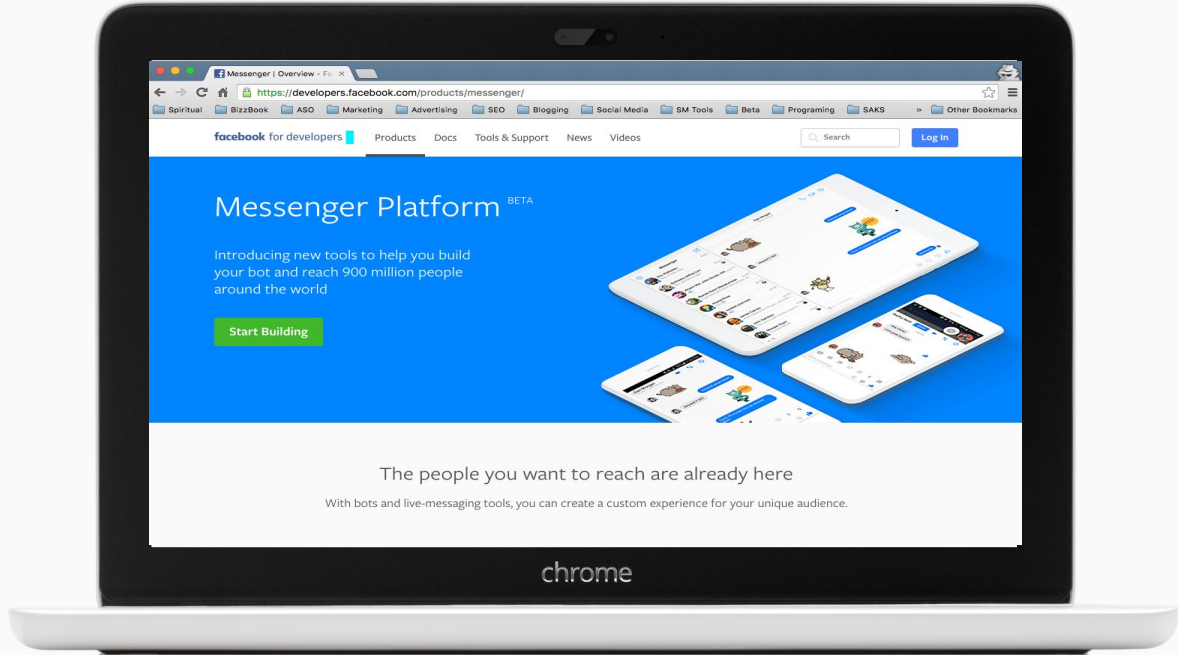


Part 2: Connecting Your Bot with FB


FB Developer


Sign up to Facebook Developer Program

Sign up: <https://developers.facebook.com/products/messenger/>




Creating App in FB


facebook for developers  Products Docs Tools & Support News Videos


Search My Apps 

Search apps by title

[+ Add a New App](#)


Buddha Quotes  App ID: 780398678761946


parrot  App ID: 1021564921246035


Restaurant Pickup ...  App ID: 231545700550070


1. Add New App

Add a New App
Select a platform to get started

 **IOS**

 **Android**

 **Facebook Canvas**

 **Website**

If you're developing on another platform or want to skip this step for now, use the [basic setup](#).

2. Select Basic Setup

parrot APP ID: 1021564921246035 [View Analytics](#)

Dashboard
Settings
Roles
verts
App Review

PRODUCTS
Messenger
Webhooks
Messenger Expression
[+ Add Product](#)

Product Setup

Facebook Login [Get Started](#)
The world's number one social login product.

Audience Network [Get Started](#)
Monetize your mobile app or website with native ads from 3 million Facebook advertisers.

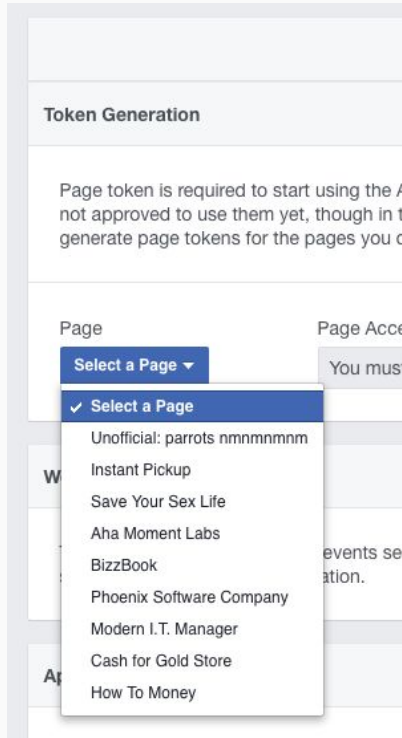
Account Kit [Get Started](#)
Seamless account creation. No more passwords.

App Center [Get Started](#)
Get your game discovered by being listed as a featured game on Facebook.

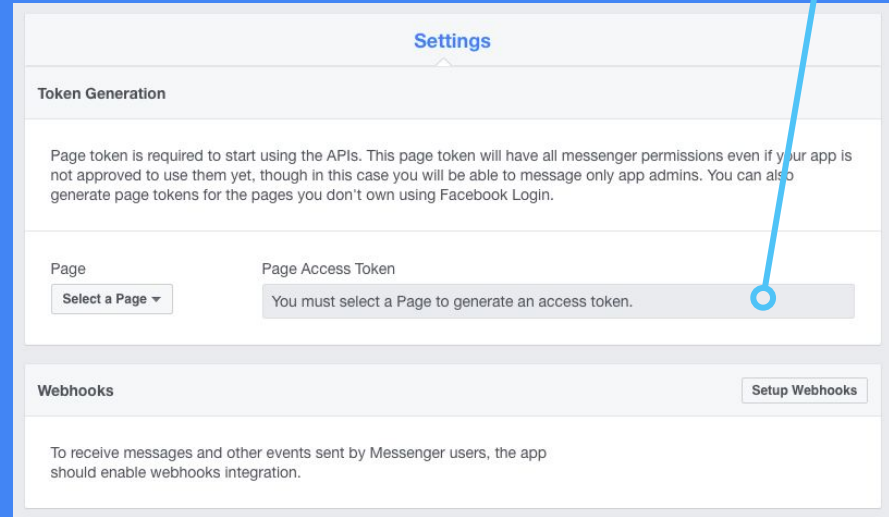
Canvas Payments [Get Started](#)
Accept in-app payments through Facebook's secure payment system.

3. Select: Messenger Get Started

Select Page



Save Page Token to your index.js file



Setting up Webhooks

Webhooks

To receive messages and other events sent by Messenger users, the app should enable webhooks integration.

[Setup Webhooks](#)

→ ↻ 🏠 <https://fierce-shelf-10846.herokuapp.com> ☆

Apps Spiritual BizzBook ASO Marketing Advertising

Heroku | Welcome to your new app!

Refer to the [documentation](#) if you need help deploying.

New Page Subscription ✕

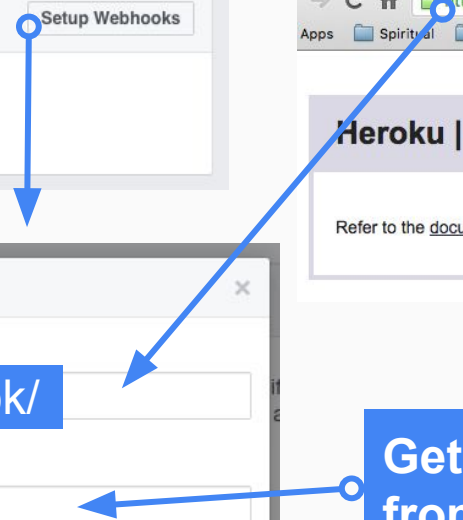
Callback URL
 https://yourdomain.com/webhook/

Verify Token

Subscription Fields

<input checked="" type="checkbox"/> message_deliveries	<input checked="" type="checkbox"/> messages	<input checked="" type="checkbox"/> messaging_optins
<input checked="" type="checkbox"/> messaging_postbacks	<input checked="" type="checkbox"/> messaging_account_linking	

Get Verify Token from Index.js file



Setting up NPM & Dependencies

1. Open Up Terminal / Command Line

A screenshot of a macOS Terminal window. The title bar reads "Terminal — bash — 70x12". The terminal content shows a login session: "Last login: Fri Sep 15 22:41:18 on ttty1", "Welcome to Darwin!", and the prompt "TiBook:~/Desktop taylor\$".

```
Terminal — bash — 70x12
Last login: Fri Sep 15 22:41:18 on ttty1
Welcome to Darwin!
TiBook:~/Desktop taylor$
```

2. In Command Line:

Trigger FB to Send Messages:

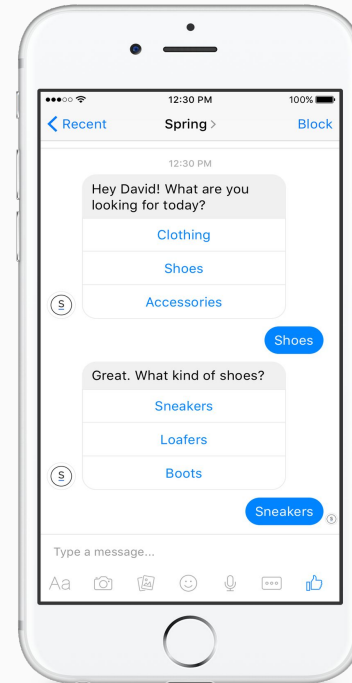
```
curl -X POST "https://graph.facebook.
com/v2.6/me/subscribed_apps?
access_token=<PAGE_ACCESS_TOKEN>"
```

Quick Checklist

1. Added New FB App
2. Linked it to FB Page
3. Set up Webook
4. Input Access Token in index file
5. Curl command?
6. Saved and Pushed changes to Heroku?

It's Alive!!!

Go to your Bot's Corresponding FB Page and Send your Bot a Message. Try typing 'hi' then type 'yo'.





Part 3 Manipulating Your Bot

Interactions

People can interact with you bot via text and structured messages.

Trigger words can be programmed so each time a trigger word is used, your bot respond with a specific type of message. For example your bot can respond with a text, photo, or structured message.

[Check out: wit.ai](http://wit.ai)

Text

The simplest and most familiar way to interact. This message type relies solely on words to communicate.

Your yearly subscription will expire on January 1st, 2017.

Your order has been placed. If there is anything else we can help you with please let us know.

Hi David, I'll send you weather forecasts every day.

What location you would like weather forecasts for?

Photo

Make your message visually engaging. Try adding an image to your interaction to complement your text.



FB Cards

FB provides templates so you can create the Generic Cards. This template is included in the sample parrot bot.

You can easily manipulate the Parrot Bot's trigger words and generic cards in the index.js file.

Here is a Video Tutorial That Can Help: [Video Tutorial](#)

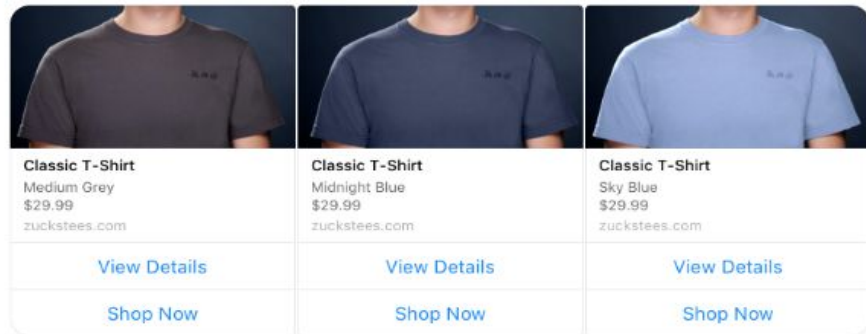
Generic

With a combination of text, images and buttons, this template is ideal for messages that have a structured information hierarchy.



Carousels

Configure the generic template to create a horizontal row of bubbles when you want to send multiple, similar messages (ex: product selections, weather forecasts or news articles).




Bot Discovery

Discovery is currently a problem for Chat bots. Here are a few communities that can help with this:

[Reddit Community](#)

[Chat Bots Group on FB](#)

[Follow Chatbots on Twitter](#)



Chat Bots - AI Chatbots Community
• /r/Chat_Bots

Latest News on Chat Bots and Chatbot Messaging Platforms like: Facebook Messenger, Slack, SMS, WeChat, Kik, Microsoft, and Google. Also discuss...

REDDIT.COM

JOIN NOW



AI Chat Bots
@AIChatBots FOLLOWS YOU





AI Chatbots OK. OK.
216 Members



Join Now!



Need More Help?

Get the Step by Step Video Tutorial



Thank You!