



*Webinars*

**Platform Demo:  
How to Connect Web Services  
and Integrations with No-Code**

# Your fabulous host

## Jermel Ladd (That's me!)

- Account Executive @ Betty Blocks
- Part-time Citizen Developer
- Full-time innovator
- Owner of 3 cats



# Key takeaways

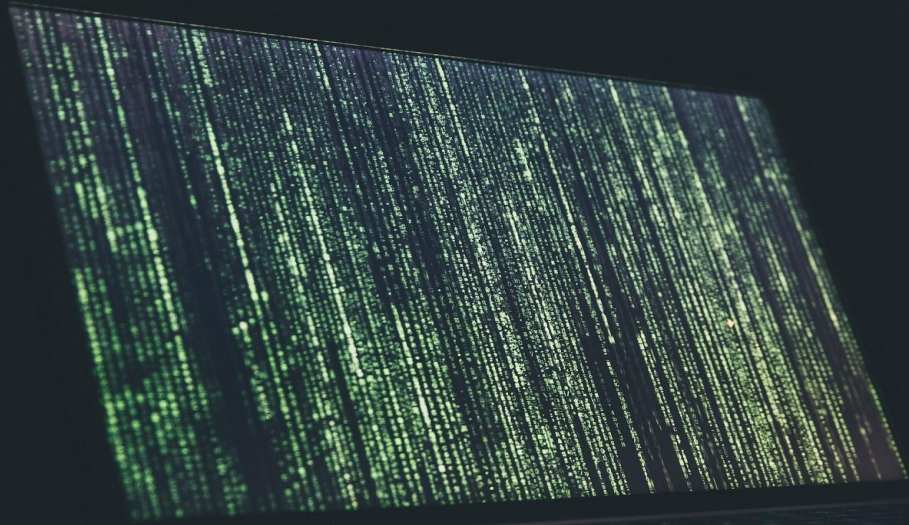
What you'll uncover today

1. What's a web service?
2. Which web services can connect with Betty?
3. How to configure web services and endpoints
4. How to create re-usable blocks
5. Plus Two practical examples
  - Weather Map API
  - Twillio API

**Let's get started!**



# What are web services?



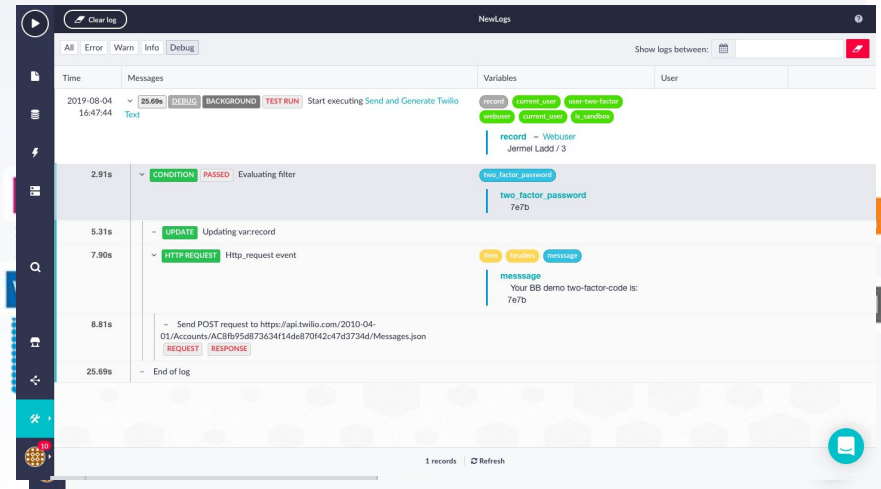
# Laying the foundations!

Without pesky coding...



# Step by step how to install a web service

1. Determine web service
2. Go to your Betty Blocks app
3. Go to web service UI
4. Create Web service
5. Configure host information
6. Configure endpoint information
7. Run a test
8. Generate a custom model
9. Go to actions UI
10. Create action
11. Define Action Trigger
12. Create Action event - HTTP Request
13. Assign the parameters
14. Test.
15. Done.



**Let's take a look** 👁️👁️





# What are custom models?

*When you're testing your webservice, you can create a custom model containing all the data from the response with only one click on the button.*

- When you click Generate custom model, one custom model will be created, based on the response's body
- You can then access the data in the response body through the use of actions

The screenshot shows a web service testing interface. At the top, there are buttons for '< Close', 'Generate custom model' (highlighted in green), 'Stop test', and 'Edit'. A 'fullscreen' button is also visible. The main area displays the 'Response' details:

- Response code: 200 (with a green checkmark)
- Response content type: application/json; charset=utf-8 (with a green checkmark)
- Response headers: A table with 'Name' and 'Value' columns, and a 'show' button.
- Response body: A code editor showing a JSON object:

```
1 - {
2   "ok": true,
3   "channel": "C17V0NUPB",
4   "ts": "1485266609.002049",
5   "message": {
6     "text": "Hey look. It works!",
7     "username": "TestBot",
8     "icons": {
9       "emoji": ":rocket:",
10      "image_64": "https://a.slack-edge.com/d4bf/img/emoji/2015_2/applo
11    },
12    "bot_id": "B19M7R3T7",
13    "type": "message",
14    "subtype": "bot_message",
15    "ts": "1485266609.002049"
16  }
```

The screenshot shows the 'Custom model' configuration in the testing tool. The left sidebar contains a navigation menu with items like 'Backoffice', 'UI Builder', 'Datamodel', 'Actions', 'Tools', 'Settings', 'Logs', 'Slack', and 'Learn'. The main area displays the 'WebserviceEndpoint' configuration:

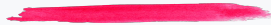
- Name: Post a new message to Slack
- Http method: POST
- Path: /chat.postMessage
- Custom model: New custom model (Slack API-Post a new message to Slack) #1
- Response returns: single
- Response code: 200
- Query variables: A table with 'Name' and 'Value' columns:

Name	Value
channel	
icon_emoji	
pretty	1
text	
token	ynxn.2936524646-302111565



Now we've got a weather app!

**How about some security?**



# For my next trick...

2-factor authentication made easy!





Now your app is secure

# Quick recap

What you'll uncover today

1. Web services are quick, easy, and fun with no-code!
2. You have limitless possibilities to choose from
3. Blocks can speed up your app development by 12x



# Betty Blocks

## Schedule a personal demo

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[www.bettyblocks.com/request-a-demo](http://www.bettyblocks.com/request-a-demo)



# Questions?





**Webinar - September 9th**

How businesses get started with no-code and Betty Blocks





**Thank You for Attending**