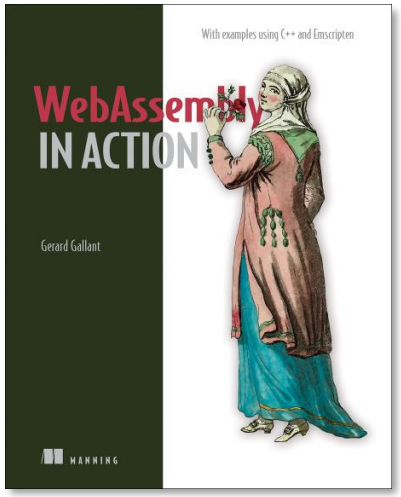
Slack Messaging

Gerard Gallant

CIO at Dovico Software



“WebAssembly in Action”
bit.ly/37zJbp5

@Gerard_Gallant

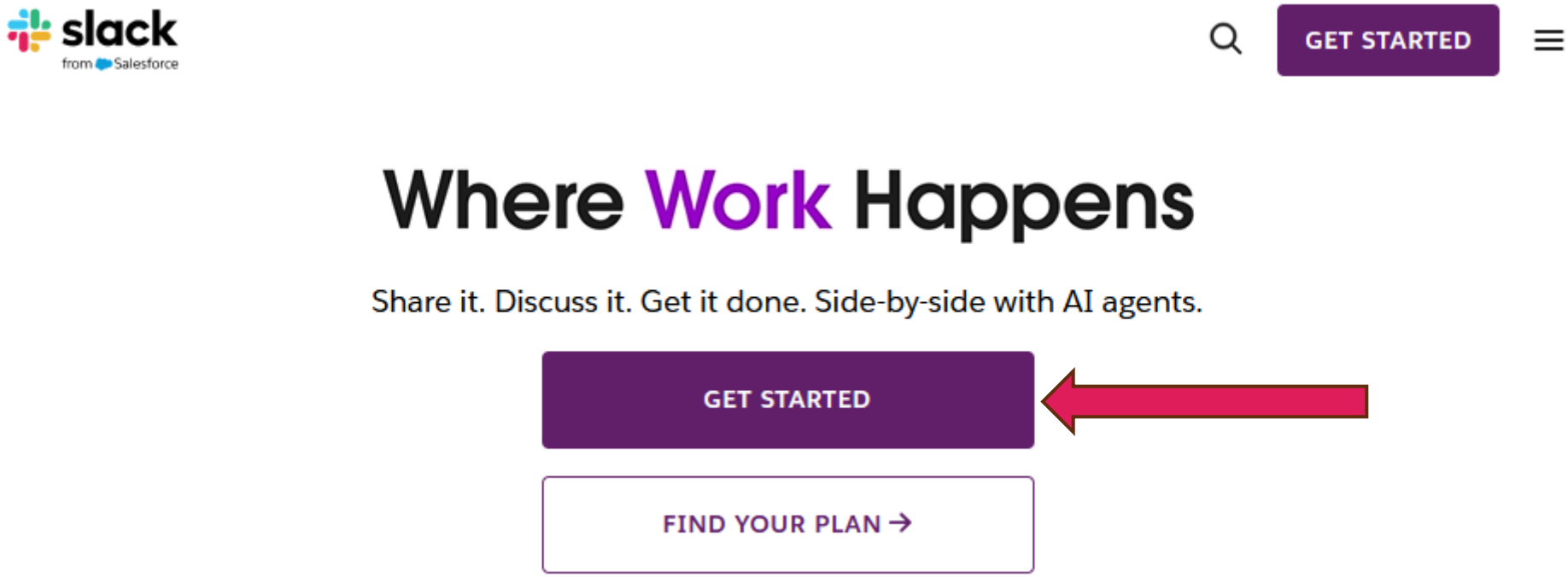
linkedin.com/in/gerard-gallant

Overview

- Automated Messages
- Markdown formatting
- Block formatting
- Webhooks – sending text or blocks
- Sending Editable Messages
- Message Interactivity (@ event and button clicks)

Sign Up For A Free Account

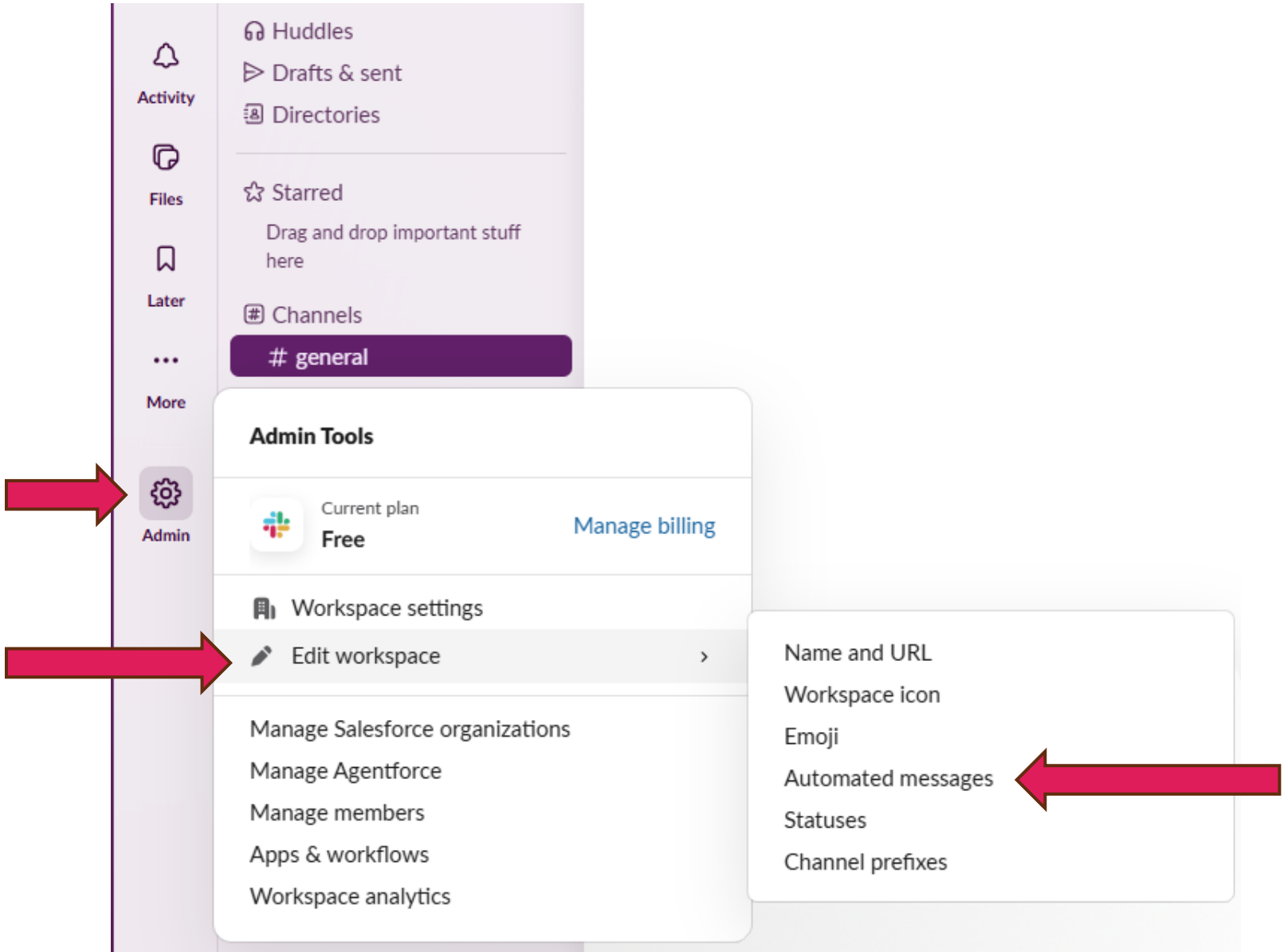
Slack.com



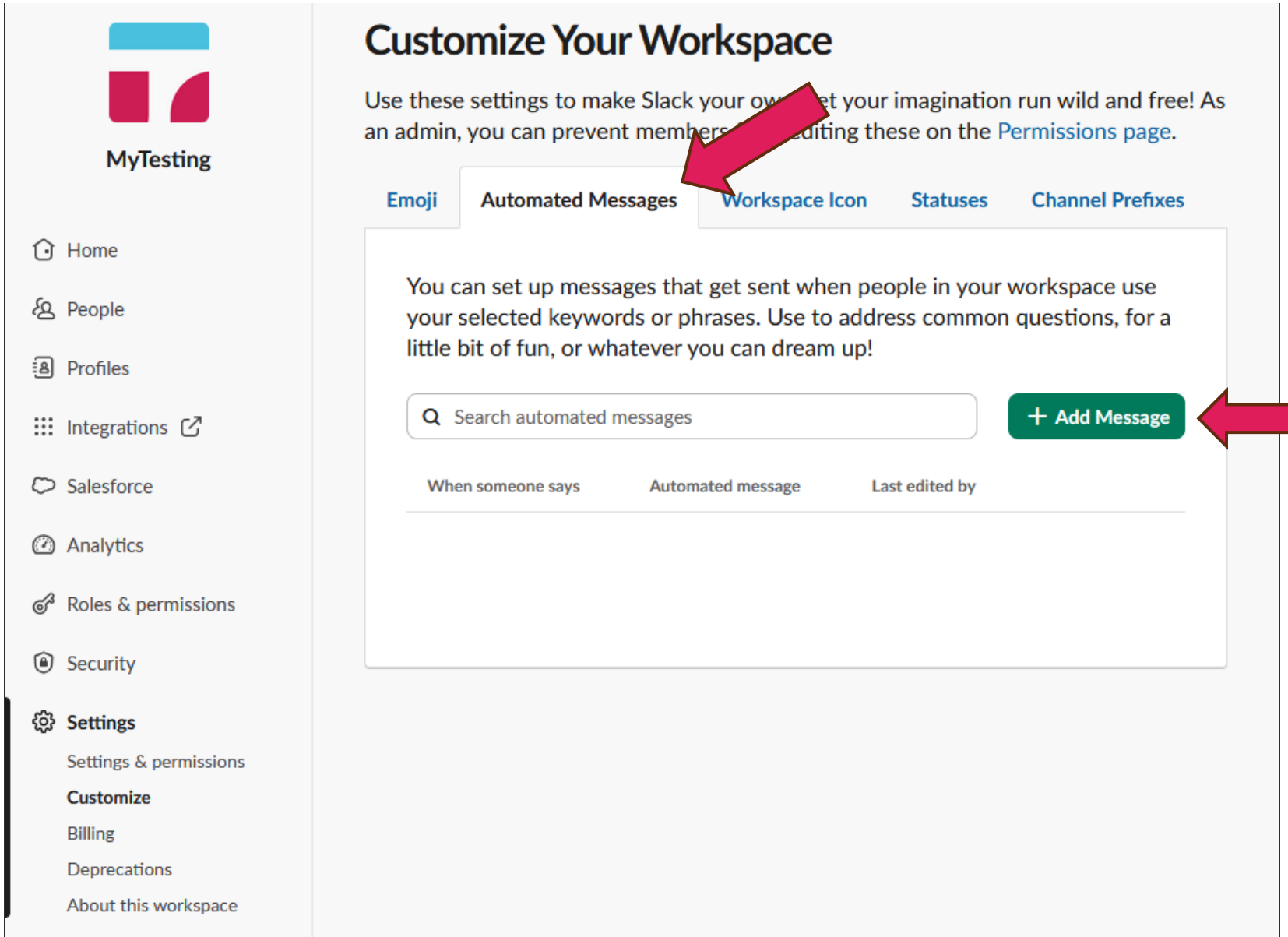
Demo 1

Automated Messages

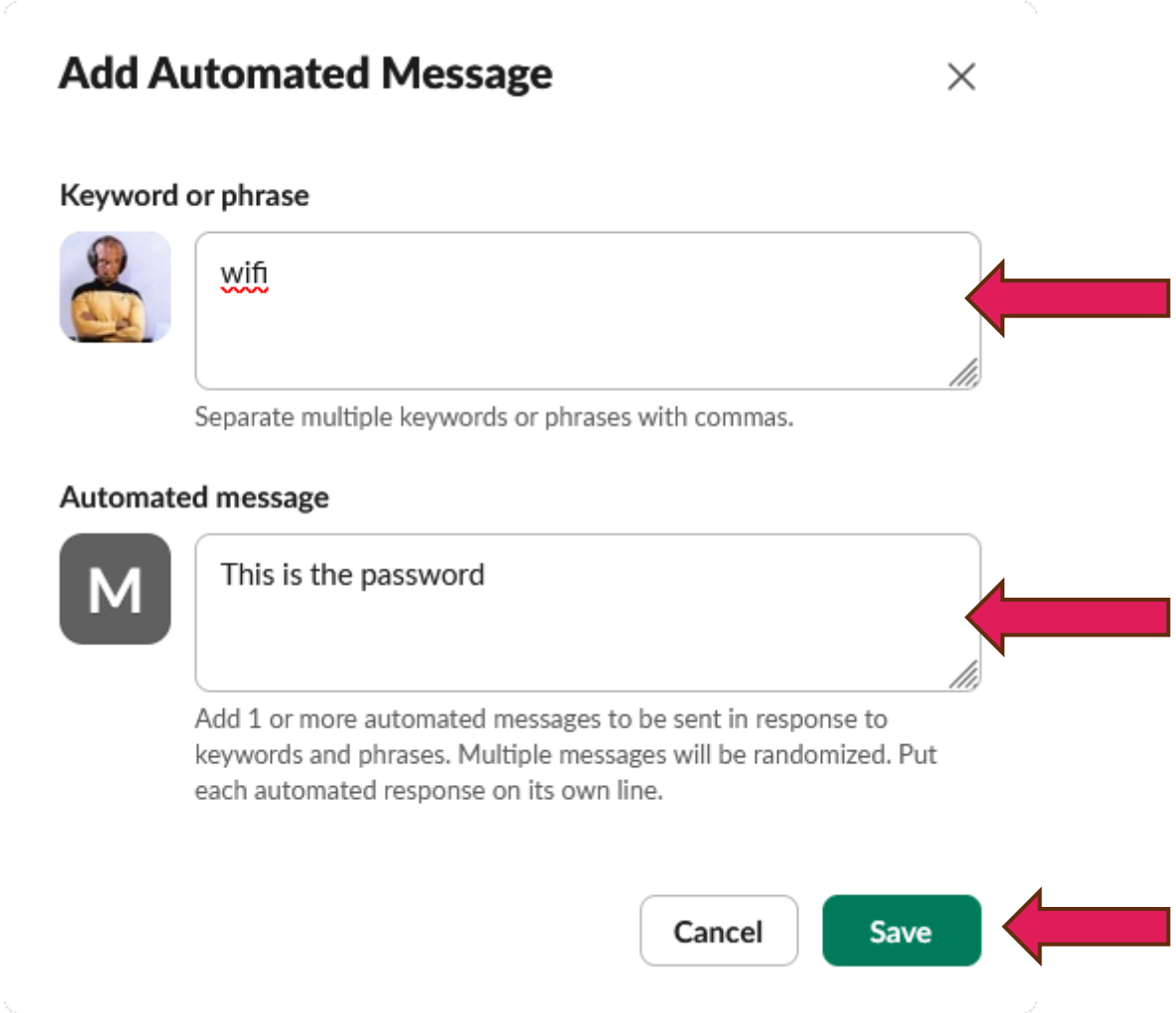
Accessing Automated Messages



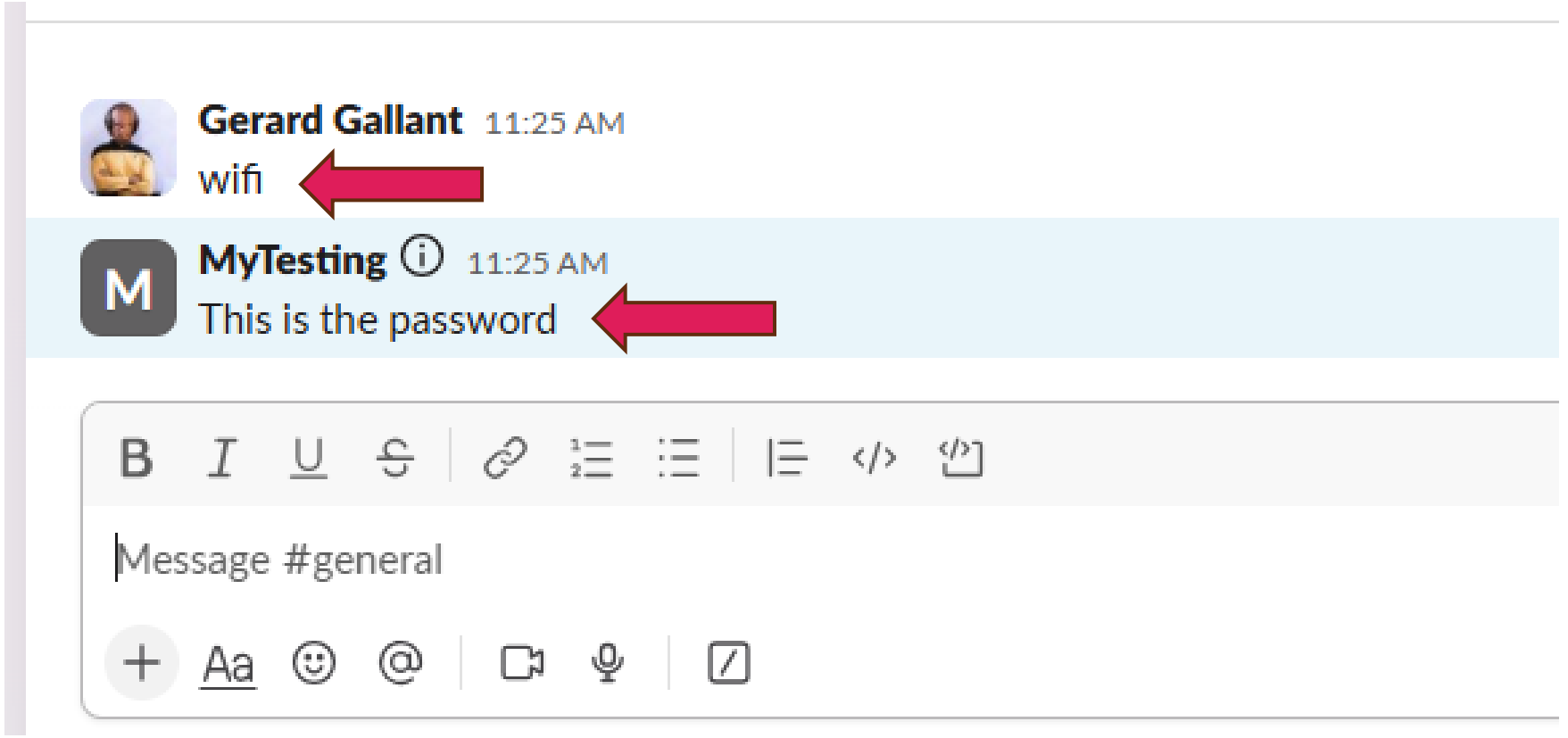
Automated Messages tab



Define Your Message



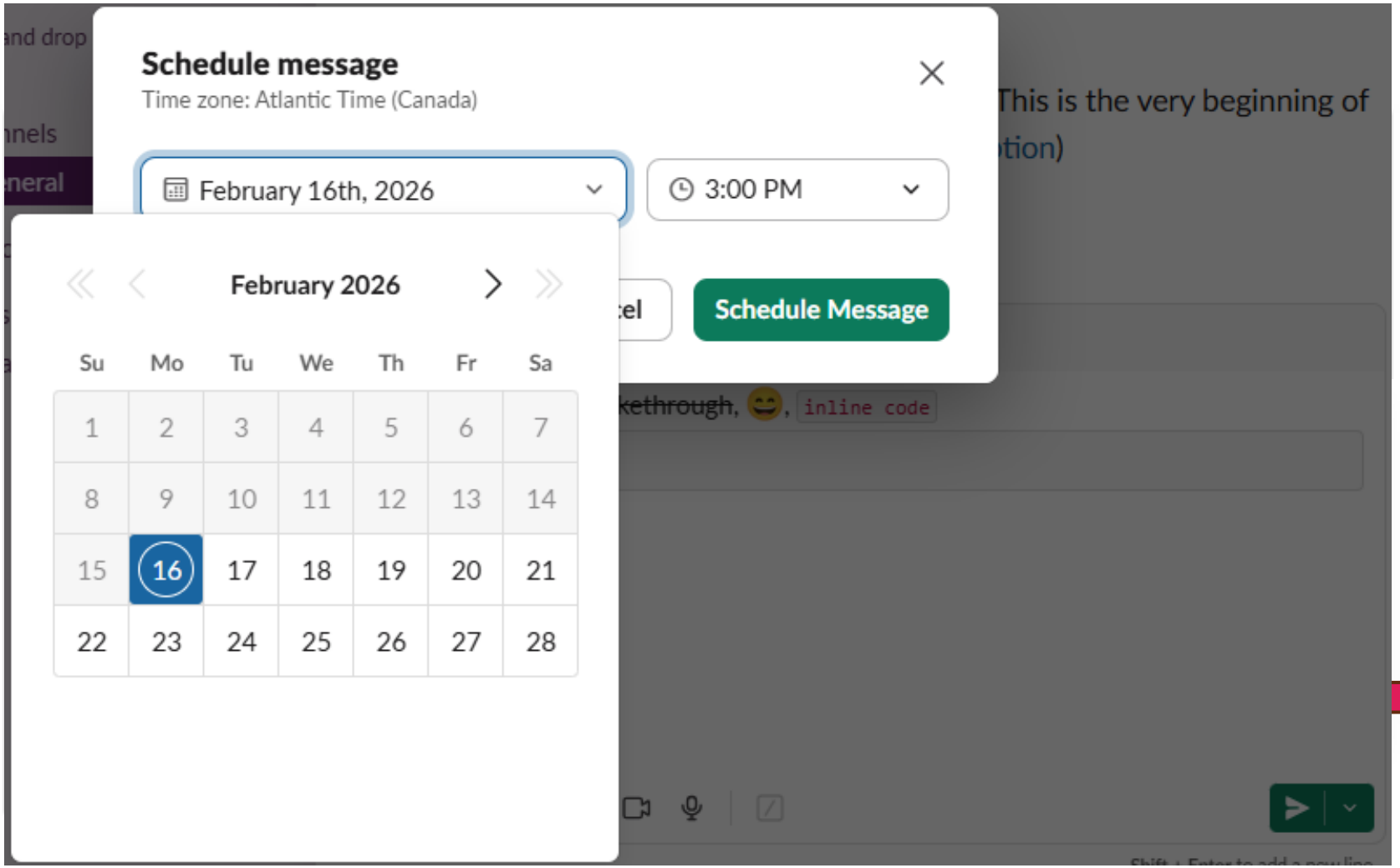
Example of the Automated Message



Demo 2

Formatting Standard Messages

Example of a Formatted Message



Example of a Formatted Message

Gerard Gallant 2:14 PM

This is **bold**, *italic*, ~~strikethrough~~, 😄, `inline code`

```
code block
```

> block quote

- bulleted list

1. ordered list

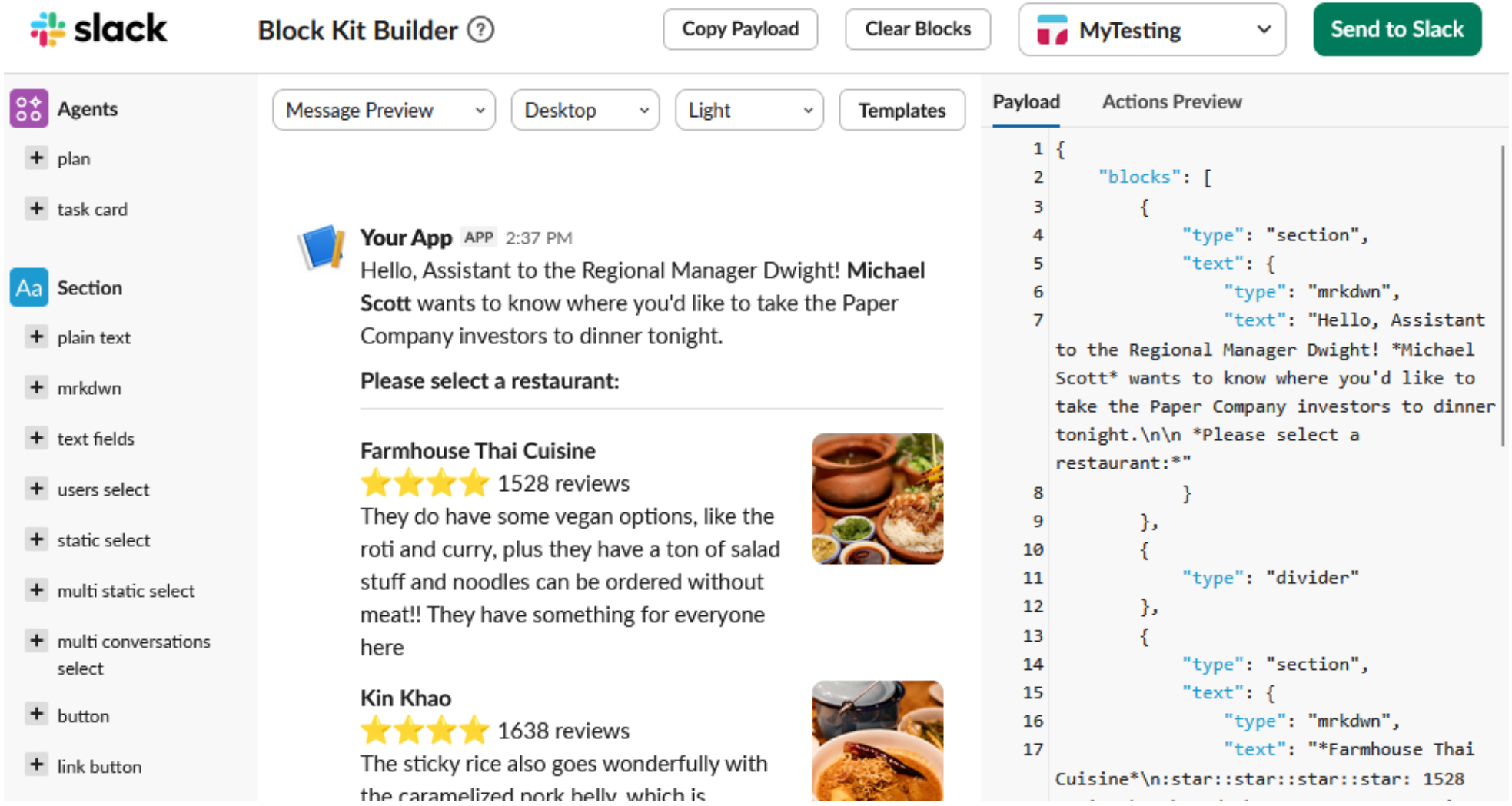
image.png

Demo 3

Blocks

Block Kit Builder

app.slack.com/block-kit-builder

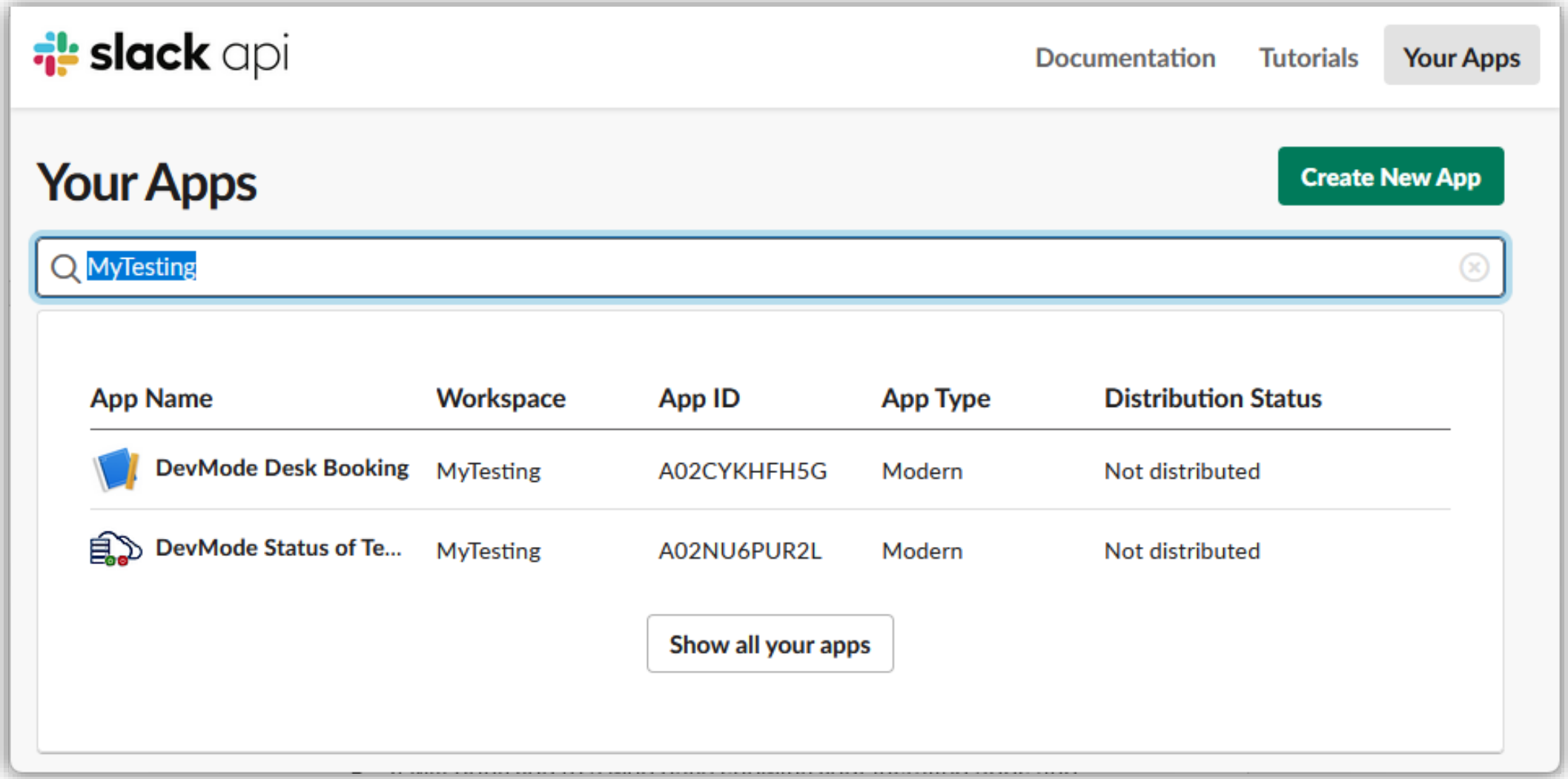


Demo 4

Webhooks

Slack API

api.slack.com/apps



Slack API

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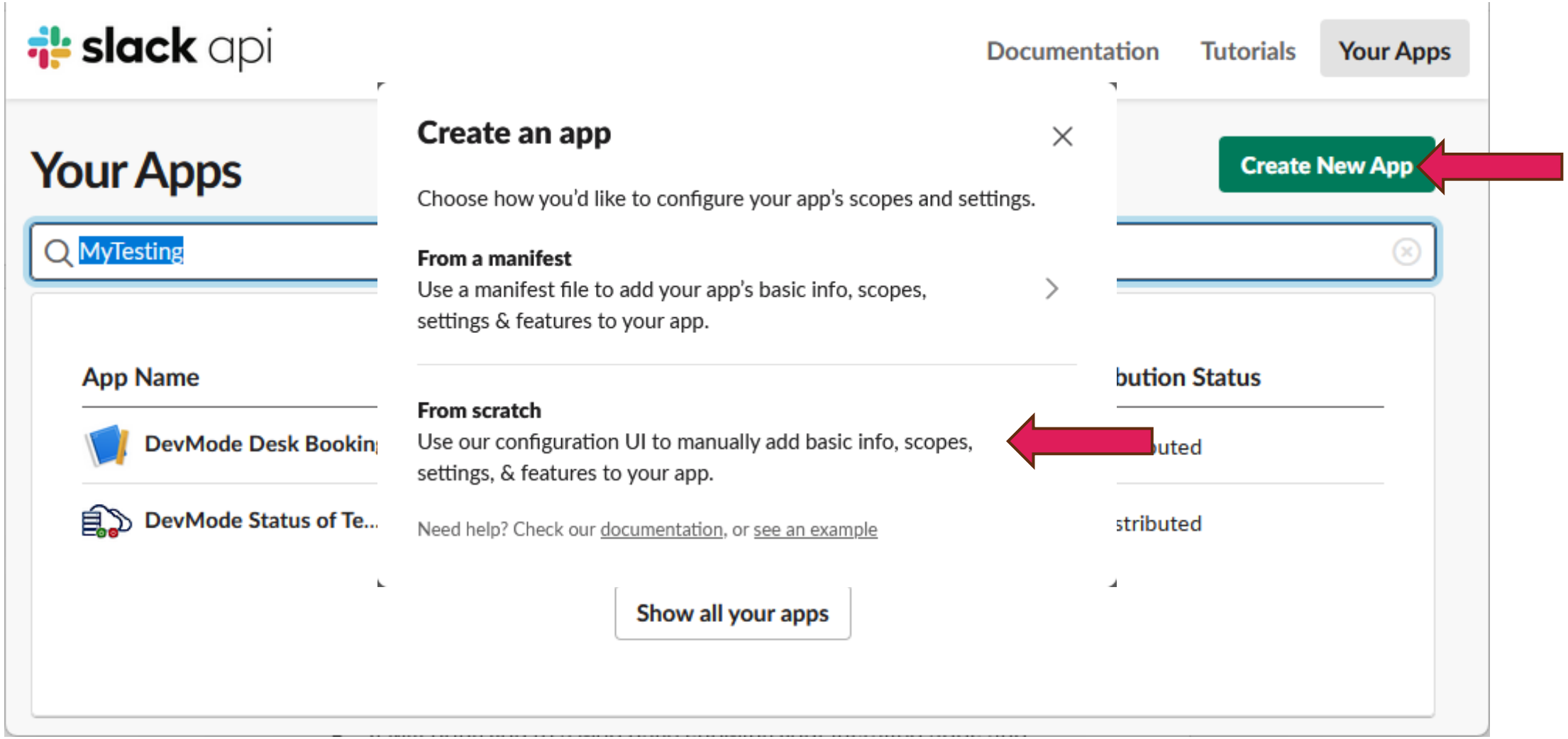

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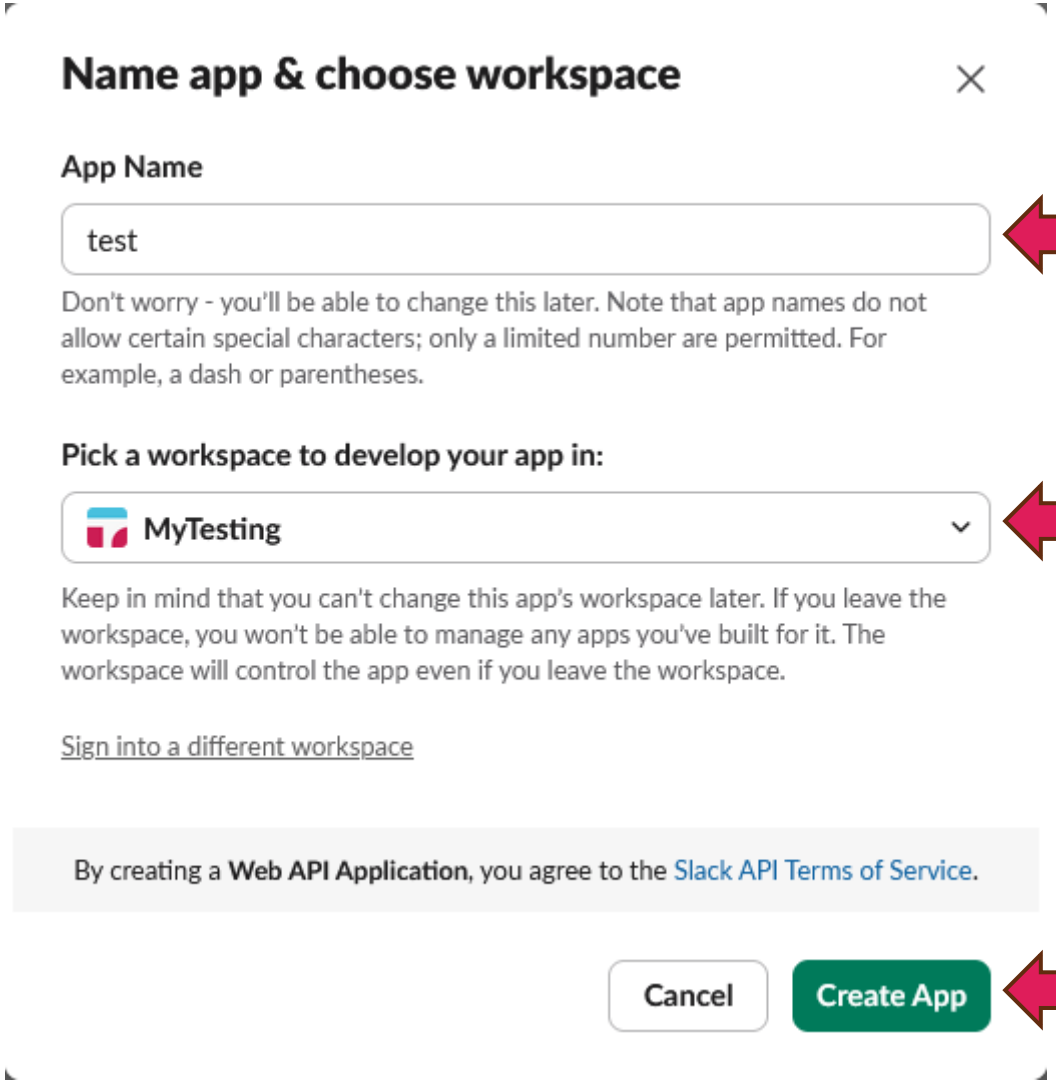

test

Settings

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- Install App
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Features

- App Home
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- Work Object Previe...
- Workflow Steps...
- Org Level Apps
- Incoming Webhooks
- Interactivity & Sho...
- Slash Commands
- Steps from Apps LEGA

Display Information

This information will be shown in the Slack Marketplace and in the Slack App

For more information, view our App Detail Guidelines.

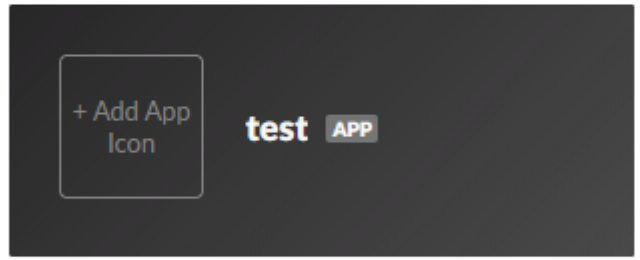
App name

test

Short description

Add a short description...

App icon & Preview



Background color

#2C2D30

Long description

Add a long description that will show up on your App Detail page. You can format your description with bold text, lists and more.

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Basic Information

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App Credentials

These credentials allow your app to access the Slack API. They are secret. Please don't share your app credentials with anyone, include them in public code repositories, or store them in insecure ways.

App ID

A0AFD0KDTLP

Date of App Creation

February 18, 2026

Client ID

2434212316608.10523019469703

Client Secret

●●●●●●●●●● Show Regenerate

You'll need to send this secret along with your client ID when making your oauth.v2.access request.

Signing Secret

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- OAuth & Permissi...
- Event Subscriptions
- User ID Translation

Incoming Webhooks

Activate Incoming Webhooks

Off

Incoming webhooks are a simple way to post messages from external sources into Slack. They make use of normal HTTP requests with a JSON payload, which includes the message and a few other optional details. You can include message attachments to display richly-formatted messages.

Adding incoming webhooks requires a bot user. If your app doesn't have a bot user, we'll add one for you.

Each time your app is installed, a new Webhook URL will be generated.

Workflow Steps...
Org Level Apps
Incoming Webhoo...
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App Manifest NEW
Beta Features

Submit to Slack Marketplace

Review & Submit

Give feedback

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If you deactivate incoming webhooks, new Webhook URLs will not be generated when your app is installed to your team. If you'd like to remove access to existing Webhook URLs, you will need to Revoke All OAuth Tokens.

Webhook URLs for Your Workspace

To dispatch messages with your webhook URL, send your message in JSON as the body of an `application/json` POST request.

Add this webhook to your workspace below to activate this curl example.

Sample curl request to post to a channel:

```
curl -X POST -H 'Content-type: application/json' --data
'{"text":"Hello, World!"}' YOUR_WEBHOOK_URL_HERE
```

Webhook URL	Channel	Added By

No webhooks have been added yet.

Add New Webhook

slack

Allow the "test" app to access Slack

This app was created by a member of your workspace, MyTesting.

Workspace

MyTesting

Channel for webhook

general

"test" requires a channel to post as an app.

Review app permissions

Slack will share your granted permissions with test. View Slack's privacy policy. By agreeing to allow Slack to share your granted permissions, you are also agreeing to test's privacy agreement and terms of service. Please review test's terms before installing.

Cancel Allow

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App Manifest NEW
Beta Features

Submit to Slack Marketplace

Review & Submit

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Revoke All OAuth Tokens.

Webhook URLs for Your Workspace

To dispatch messages with your webhook URL, send your message in JSON as the body of an `application/json` POST request.

Add this webhook to your workspace below to activate this curl example.

Sample curl request to post to a channel:

```
curl -X POST -H 'Content-type: application/json' --data
'{"text":"Hello, World!"}' https://hooks.slack.com/
services/T02CS689AHW/B0AG7DQ42SV/FVwiXFndsXUMwnVtc8vQzQVB
```

Copy

Webhook URL	Channel	Added By
https://hooks.slack.com/se Copy	#general	Gerard Gallant Feb 18, 2026

Add New Webhook

Demo 5

Chat Messages

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Webhook URLs for Your Workspace

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```
curl -X POST -H 'Content-type: application/json' --data
'{"text":"Hello, World!"}' https://hooks.slack.com/
services/T02CS689AHW/B0AG7DQ42SV/FVwiXFndsXUMwnVtc8vQzQVB
```

Copy

Webhook URL	Channel	Added By
https://hooks.slack.com/se Copy	#general	Gerard Gallant Feb 18, 2026

Add New Webhook

slack api

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Scopes

A Slack app's capabilities and permissions are governed by the scopes it requests.

Bot Token Scopes

Scopes that govern what your app can access.

OAuth Scope	Description
incoming-webhook	Post messages to specific channels in Slack

Add an OAuth Scope

User Token Scopes

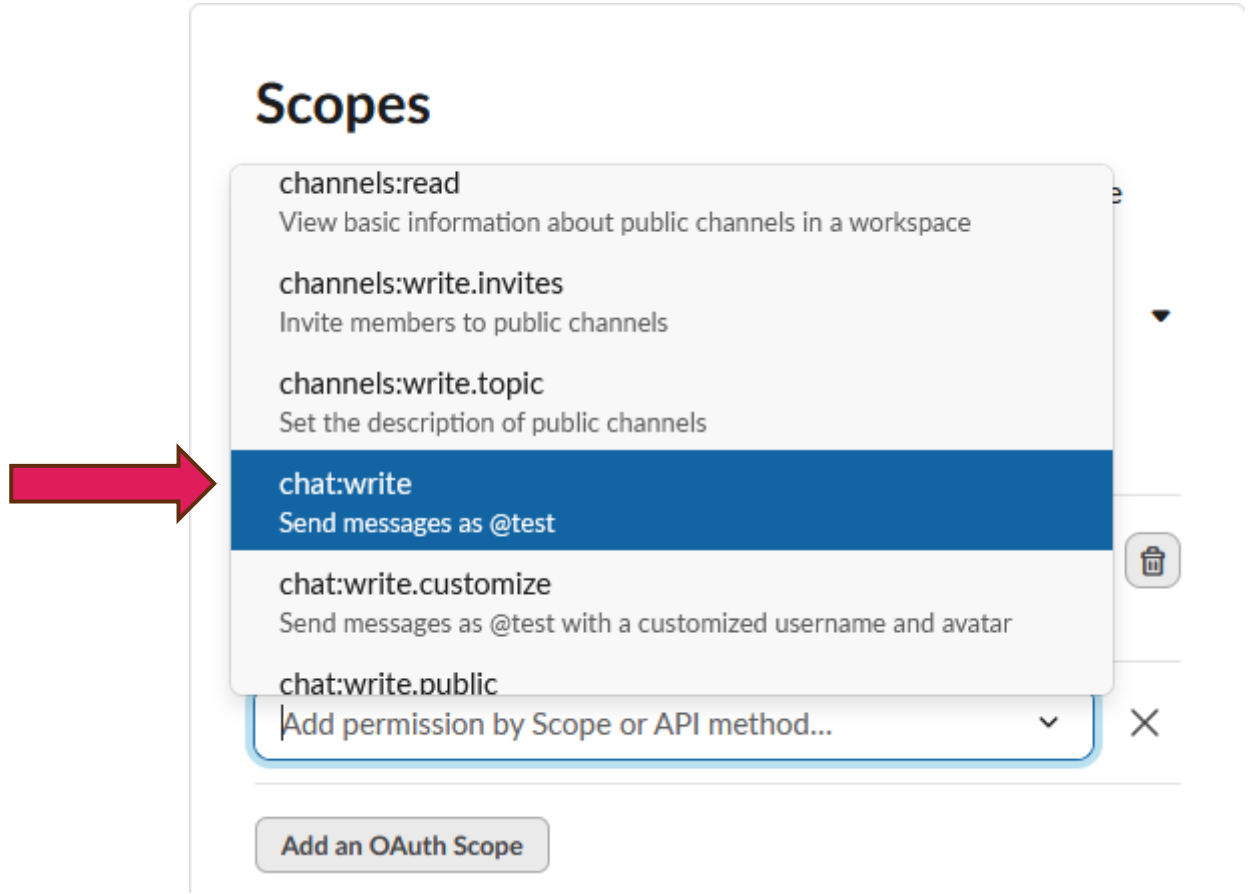
Scopes that access user data and act on behalf of users that authorize them.

OAuth Scope	Description

You haven't added any OAuth Scopes for your User token.

Add an OAuth Scope

Scopes define the API methods an app is allowed to call, which information and


Scopes
channels:read
View basic information about public channels in a workspace
channels:write.invites
Invite members to public channels
channels:write.topic
Set the description of public channels
chat:write
Send messages as @test
chat:write.customize
Send messages as @test with a customized username and avatar
chat:write.public
Add permission by Scope or API method...
Add an OAuth Scope

OAuth Tokens

These tokens were automatically generated when you installed the app to **MyTesting**. You can use these to authenticate your app. Learn more.

Bot User OAuth Token

xoxb-2434212316608-10532159045955-KkjI24udgdA **Copy**

Access Level: Workspace

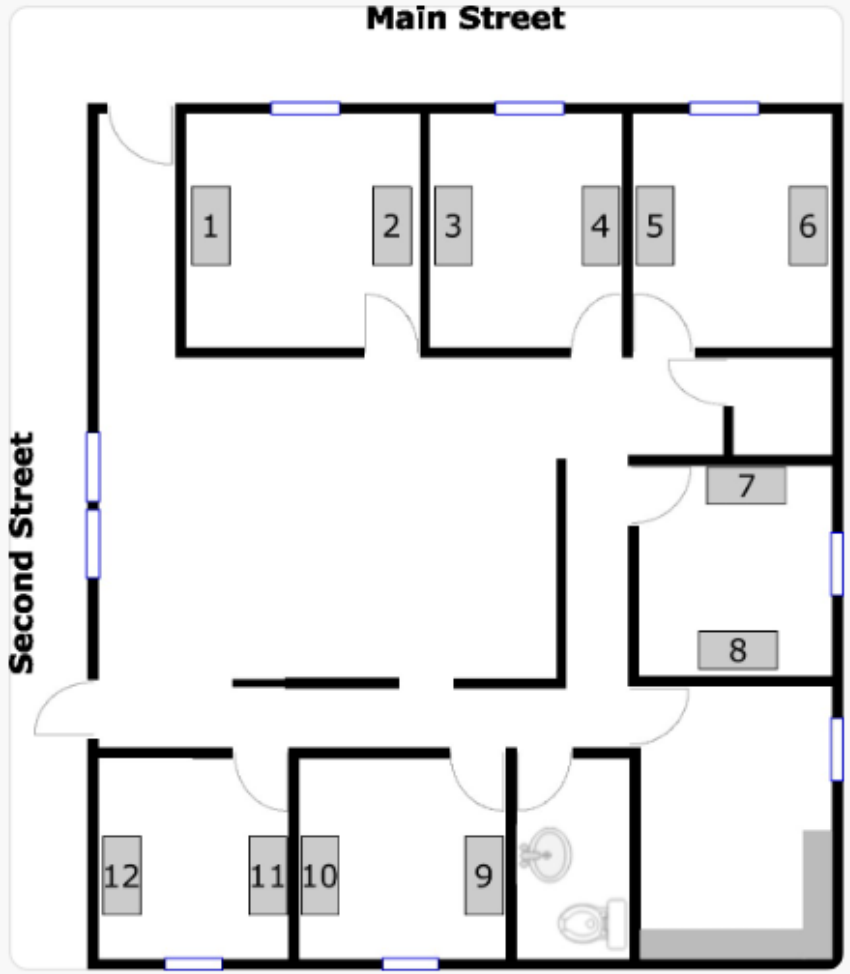
Reinstall to MyTesting

https://slack.com/api/**chat.postMessage**

https://slack.com/api/**chat.update**

Demo 6

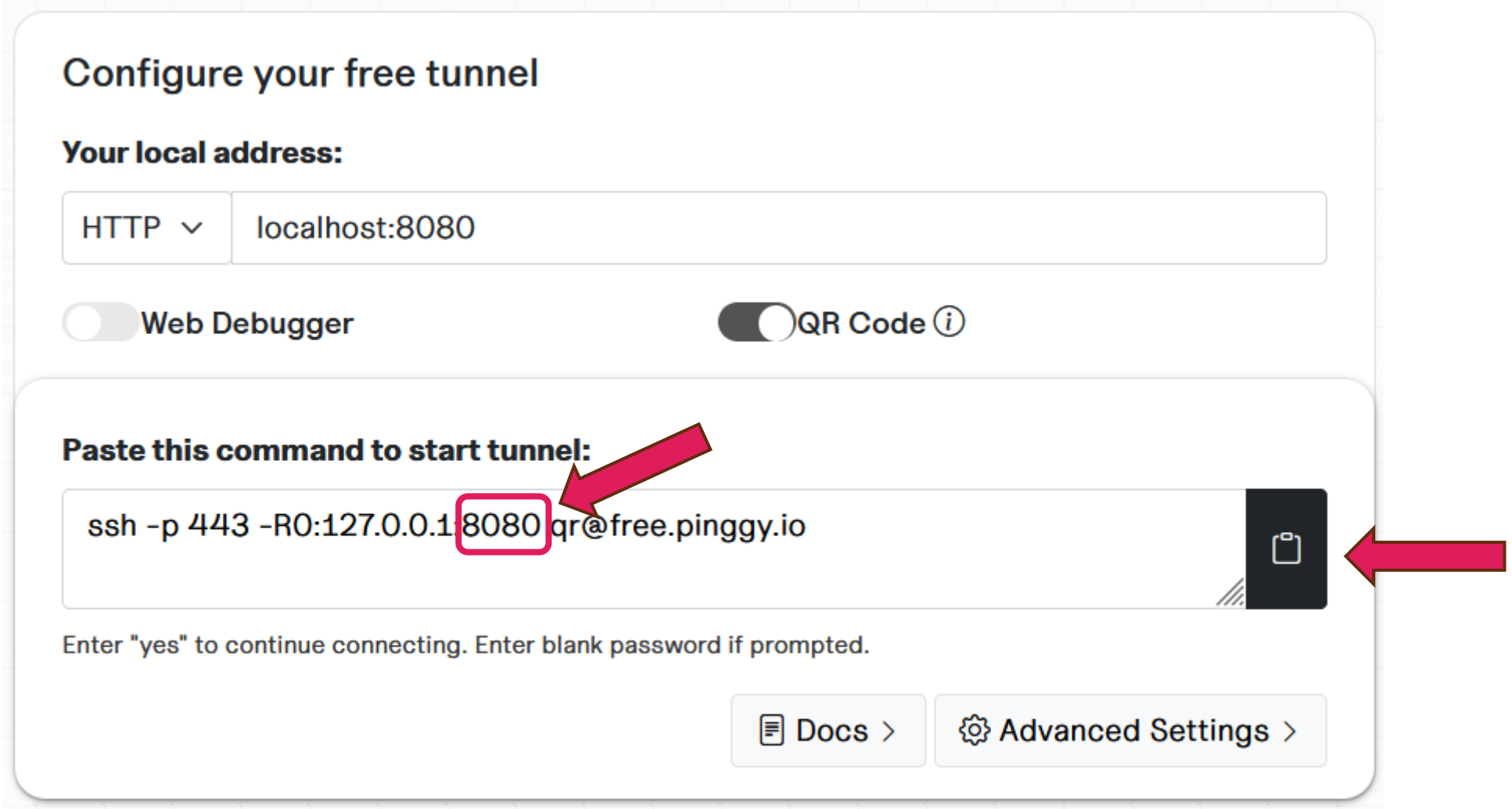
Interactivity



Desk 1	Available
Desk 2	Available
Desk 3	Available
Desk 4	Available

Pinggy

pinggy.io



Administrator: Command Prompt - ssh -p 443 -R0:127.0.0.1:3010 qr@free.pinggy.io
You are not authenticated.
Your tunnel will expire in 60 minutes. Upgrade to Pinggy Pro to get unrestricted tunnels.
https://dashboard.pinggy.io
http://qmrjv-67-70-216-34.a.free.pinggy.link
https://qmrjv-67-70-216-34.a.free.pinggy.link
Press `h` for keybindings

Scopes

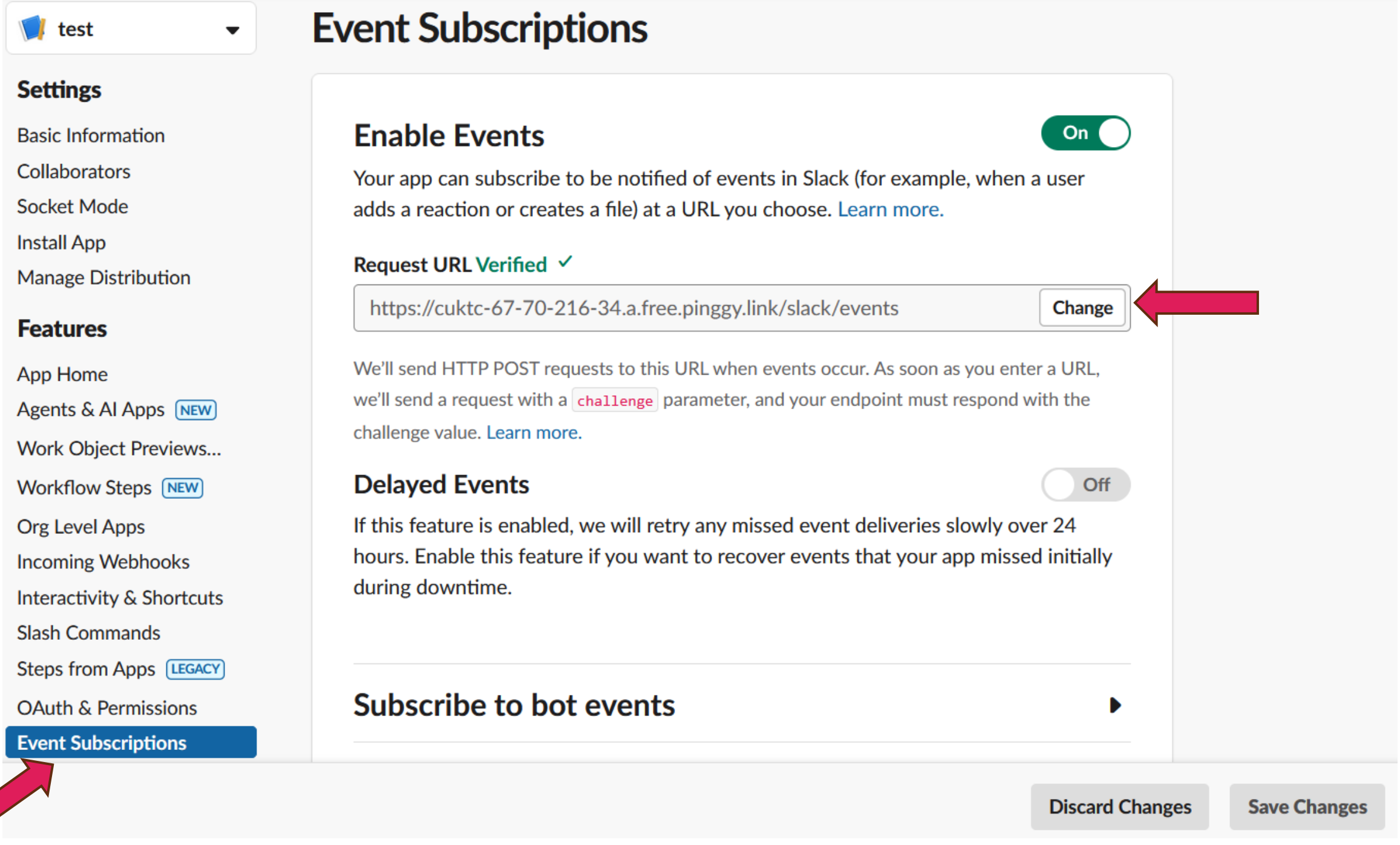
A Slack app's capabilities and permissions are governed by the scopes it requests.

Bot Token Scopes

Scopes that govern what your app can access.

OAuth Scope	Description
app_mentions:read	View messages that directly mention @test in conversations that the app is in
chat:write	Send messages as @test
incoming-webhook	Post messages to specific channels in Slack
users:read	View people in a workspace

Add an OAuth Scope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Event Subscriptions
Enable Events
On
Your app can subscribe to be notified of events in Slack (for example, when a user adds a reaction or creates a file) at a URL you choose. Learn more.
Request URL Verified ✓
https://cuktc-67-70-216-34.a.free.pinggy.link/slack/events
Change
We'll send HTTP POST requests to this URL when events occur. As soon as you enter a URL, we'll send a request with a challenge parameter, and your endpoint must respond with the challenge value. Learn more.
Delayed Events
Off
If this feature is enabled, we will retry any missed event deliveries slowly over 24 hours. Enable this feature if you want to recover events that your app missed initially during downtime.
Subscribe to bot events
Discard Changes
Save Changes

Subscribe to bot events

Apps can subscribe to receive events the bot user has access to (like new messages in a channel). If you add an event here, we'll add the necessary OAuth scope for you.

Event Name	Description	Required Scope
app_mention	Subscribe to only the message events that mention your app or bot	app_mentions:read

Add Bot User Event

Subscribe to events on behalf of users

App unfurl domains

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Interactivity & Shortcuts

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Interactivity

On

Any interactions with shortcuts, modals, or interactive components (such as buttons, select menus, and datepickers) will be sent to a URL you specify. Learn more.

Request URL

https://cuktc-67-70-216-34.a.free.pinggy.link/slack/events

Slack will send an HTTP POST request with information to this URL when users interact with a shortcut or interactive component.

Shortcuts

Let people take actions — like filing a bug or adding a new sales lead — while using your app in Slack. Learn more.

Name	Location	Callback ID

Create New Shortcut

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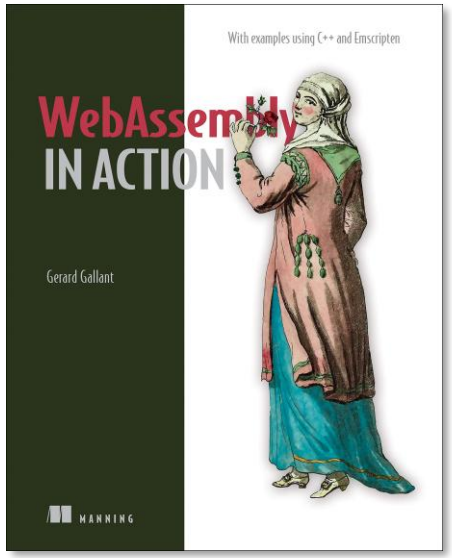
Digital version of my book where the 1st chapter is free: bit.ly/37zJbp5



Today's code and slides: [bit.ly/4r02yxE](bit.ly/4r02yxE)

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Thank You