

COEN 241: HW - 2

1. Head over to <https://api.slack.com/apps> and create a new app

The screenshot shows the Slack API 'Your Apps' page. On the left is a sidebar with navigation links: Start learning, Authentication, Messaging, Metadata, Surfaces, Block Kit, Interactivity, APIs, Workflows, Enterprise, Apps for Admins, Gov Slack, and Reference. The main content area is titled 'Your Apps' and includes a 'Create New App' button. Below this is a search bar labeled 'Filter apps by name or workspace'. A table lists the apps:

App Name	Workspace	Distribution Status
COEN-241	gsucs	Not distributed

Below the table is a section for 'Your App Configuration Tokens' with a 'Generate Token' button and a link to 'Learn about tokens'. At the bottom, there is a message: 'Don't see an app you're looking for? [Sign in to another workspace.](#)'

2. Create an incoming webhook

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/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
```

Copy

Webhook URL	Channel	Added By
<div>https://hooks.slack.com/services/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</div> <div>Copy</div>	#general	<div>Benita Rego</div> <div>Feb 17, 2023</div> <div>🗑️</div>
<div>Add New Webhook to Workspace</div>		

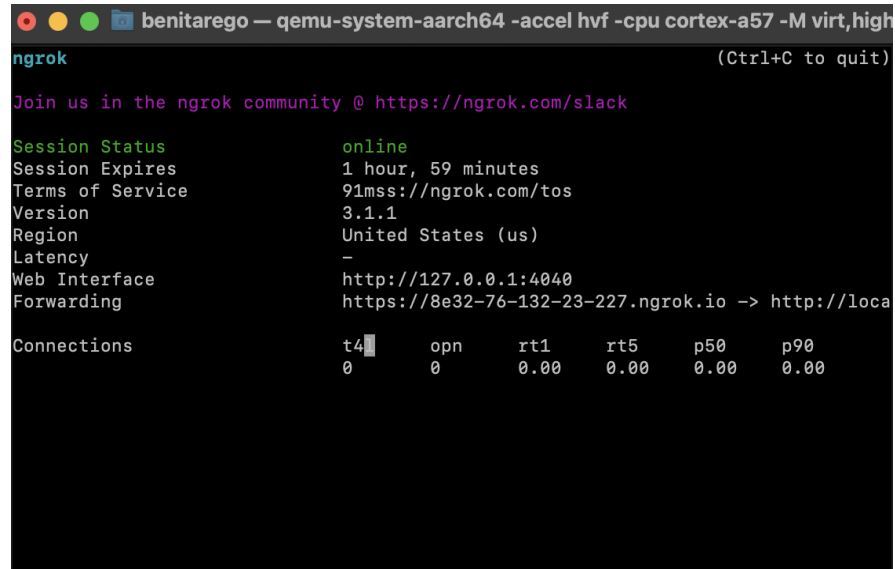
3. Create a public IP address for your localhost, maybe using ngrok

a. Install ngrok

For linux:

```
$ curl -s https://ngrok-agent.s3.amazonaws.com/ngrok.asc | sudo tee  
/etc/apt/trusted.gpg.d/ngrok.asc >/dev/null && echo "deb  
https://ngrok-agent.s3.amazonaws.com buster main" | sudo tee  
/etc/apt/sources.list.d/ngrok.list && sudo apt update && sudo apt install ngrok
```

b. \$ sudo ngrok http 8080



```
benitarego — qemu-system-aarch64 -accel hvf -cpu cortex-a57 -M virt,high
ngrok (Ctrl+C to quit)

Join us in the ngrok community @ https://ngrok.com/slack

Session Status      online
Session Expires     1 hour, 59 minutes
Terms of Service     91ms://ngrok.com/tos
Version             3.1.1
Region              United States (us)
Latency              -
Web Interface        http://127.0.0.1:4040
Forwarding            https://8e32-76-132-23-227.ngrok.io -> http://loca

Connections          t4  opn  rt1  rt5  p50  p90
                     0    0    0.00 0.00 0.00 0.00
```

The forwarding address is our public address.

c. New slash command (use the public address + endpoint name)

Edit Command

Command

/coen241

Request URL

https://8e32-76-132-23-227.ngrok....

Short Description

slack-request

Usage Hint

[which rocket to launch]

Optionally list any parameters that can be passed.

Escape channels, users, and links sent to your app

☐

Unescaped: @user #general

Preview of Autocomplete Entry

Commands matching "coen241"

COEN-241

/coen241 slack-request

Cancel

Save

Commands matching "coen241"

COEN-241

/coen241

slack-request

- d. Head over to interactive components, set the request url for the interactivity as public IP/{endpoint name}

Interactivity & Shortcuts

Interactivity

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

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
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[Create New Shortcut](#)

[Discard Changes](#) [Save Changes](#)

- e. Testing the function - Enter /coen241 in the channel for which you setup the function.


<https://app.slack.com/client/T72GQLE5N/D026T2FJ2J0>

Benita Rego ▾

+ Add a bookmark

Serverless Message Today ▾

Benita Rego
The Awesome world of Cloud Computing! COEN 241 (267 kB) ▾
Amazing Level
100



About COEN 241
COEN 241 is my favourite class and I enjoy it!.

Would you recommend COEN 241 to your friends?

[Of Course!](#) [Most Definitely!](#)

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/coen241


[+](#) [📷](#) [📁](#) [😊](#) [@](#) [Aa](#) [▶](#)

Shift + Return to add a new line






Yes! That's an amazing choice, COEN 241 is amazing!

[COEN 241](#)

Head over to COEN 241

 Slack Apps built on OpenFaas | Nov 29th, 1973 (16 kB) ▾



B I     

Jot something down

+    @ Aa