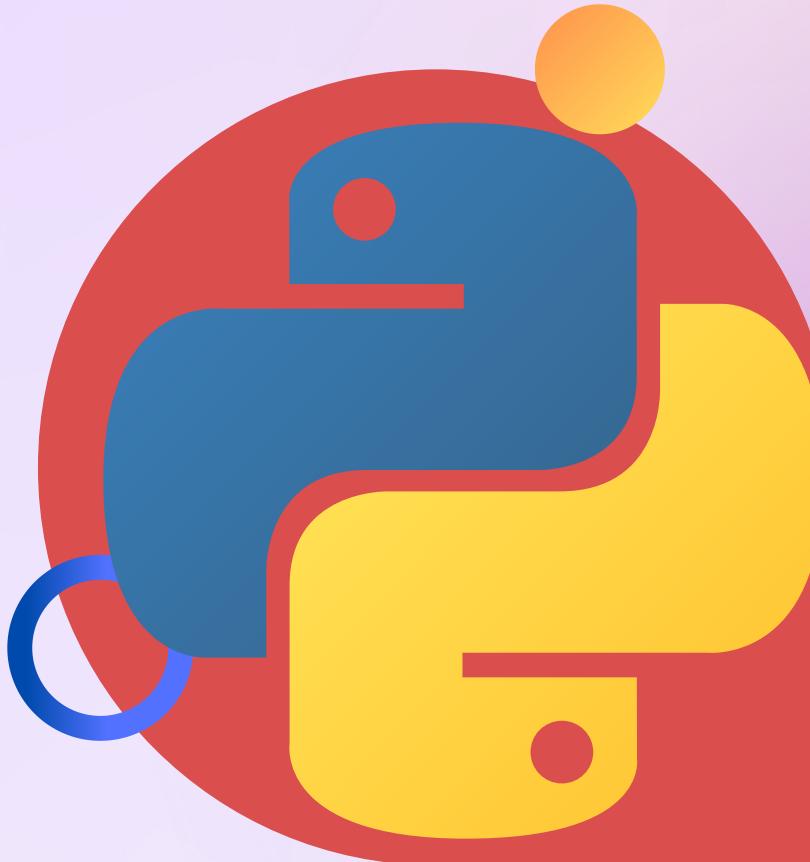


REVOLUTIONIZING TEAM COMMUNICATION IN SLACK

AI-POWERED SLACK APP THAT ANSWERS MATH QUERY



THE GOAL



**DEVELOP A SLACK APP THAT
CAN PROVIDE REPLY TO HUMAN
MESSAGES BY USING LLMS LIKE
TEXT-DAVINCI**



STEPS TO ACHIEVE

- 
- UNDERSTAND SLACK BOLT API
 - CREATE NEW APP & GET API KEYS
 - LEARN HOW TO GET APP TO USE LLM REPLIES
 - SCRIPT THE APP WITH LLM MATH CHAIN
 - INITIATE CHAT WITH THE APP ON SLACK CHANNEL
 - CHECK THE OUTPUTS
 - CAN TRY & EXTEND TO APP MENTION
 - SEARCH FOR NEW CHALLENGE

WE NEED APP + BOT TOKEN



THERE ARE THREE MAIN TOKEN TYPES AVAILABLE TO A SLACK APP: **USER (XOXP)**, **BOT (XOXB)**, AND **APP-LEVEL (XAPP) TOKENS.**

- **USER TOKENS ALLOW YOU TO CALL API METHODS ON BEHALF OF USERS AFTER THEY INSTALL OR AUTHENTICATE THE APP.**
- **BOT TOKENS ARE ASSOCIATED WITH BOT USERS, AND ARE ONLY GRANTED ONCE IN A WORKSPACE WHERE SOMEONE INSTALLS THE APP.**
- **APP-LEVEL TOKENS REPRESENT YOUR APP ACROSS ORGANIZATIONS,**

IMPORTANT TABS



Settings

Basic Information

- Collaborators
- Socket Mode
- Install App
- Manage Distribution

Features

- App Home
- Org Level Apps
- Incoming Webhooks
- Interactivity & Shortcuts
- Slash Commands
- Workflow Steps

OAuth & Permissions

- Event Subscriptions
- User ID Translation
- App Manifest NEW
- Beta Features

App-Level Tokens

App-level tokens allow your app to use platform features that apply to multiple (or all) installations—for example, the [API to list event authorizations](#). Features have distinct scopes, so request only the scopes for the features you need. Each app can have a maximum of 10 app-level tokens at one time.

Tokens

Token Name

cnnet

Scope

connections:write

Generate Token and Scopes

**FOR NOW, WE'LL JUST ADD ONE SCOPE:
CHAT:WRITE. THIS GRANTS YOUR APP THE
PERMISSION TO POST MESSAGES IN CHANNELS
IT'S A MEMBER OF.**

BOT EVENTS TO SUBSCRIBE



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
message.channels	A message was posted to a channel	channels:history
message.groups	A message was posted to a private channel	groups:history
message.im	A message was posted in a direct message channel	im:history
message.mpim	A message was posted in a multiparty direct message channel	mpim:history

Add Bot User Event

Collaborators

Socket Mode

Install App

Manage distribution

Features

App home

Org Level Apps

Incoming webhooks

Interactivity & Shortcuts

Slash commands

Workflow steps

OAuth & permissions

Event subscriptions

User ID translation

App Manifest NEW

Beta Features

Submit to App Directory

Prepare & Submit

1. Your App Listing

to your basic info, settings, or feature configurations right here.

Have suggestions or feature requests? [Give us feedback](#)

[YAML](#) [JSON](#)

[View Example](#)

[Copy to Clipboard](#)

[Download](#)

```
1 display_information:
2   name: trial
3   features:
4     app_home:
5       home_tab_enabled: false
6       messages_tab_enabled: true
7       messages_tab_read_only_enabled: false
8     bot_user:
9       display_name: trial
10      always_online: false
11   oauth_config:
12     scopes:
13       bot:
14         - chat:write
15         - channels:history
16         - groups:history
17         - im:history
18         - mpim:history
19   settings:
20     event_subscriptions:
21       bot_events:
22         - message.channels
23         - message.groups
24         - message.im
25         - message.mpim
26     interactivity:
27       is_enabled: true
28       # ... (remaining lines are cut off)
```

TIME TO CODE

THERE ARE 2 SLACK API THAT CAN
BE USED FOR CREATING
INTERACTIVE APPS. WE DISCUSS
SLACK_BOLT AS IT IS SIMPLER



THANKS FOR WATCHING

PRACTICE

PRACTICE



PRACTICE

PRACTICE