

# Generating a Together.AI API key

1. Before creating the Slack Apps, it is necessary to obtain a **Together.AI API key**. You will need to navigate to <https://api.together.xyz/> and create an account with **Together.AI** and they will provide an API key with US\$25.00 worth of credits for free.
2. This API key needs to be copied and pasted into the `.env` file in the repository, along with the other 2 Slack API keys that will be generated during the course of this guide. This first key should be entered like this: `TOGETHER_API_KEY="yourtogetheraikeyhere"`

## Creating the Slack App in your workspace

1. Navigate to <https://api.slack.com/apps>.
2. Click on **“Create New App”** and select **“From Scratch”**.
3. Enter the name for your app and select the workspace you want to install it to.

## Setting Up OAuth and Permissions and obtaining Bot Token

1. In the sidebar on the left, under **“Features”**, click on **“OAuth and Permissions”**.
2. Scroll down to **“Scopes”** and under **“Bot Token Scopes”**, click on **“Add an OAuth Scope”**.
3.
  - For **Llama-2-13b-chat-hf**, **Yi-34B-Chat**, **Mistral-7B-Instruct-v0.1** and **alpaca-7b**, add the following scopes:
    - `app_mentions:read`
    - `chat:write`
    - `chat:write.public`
    - `im:history`
  - For **Image-Bot** add the following scopes:
    - `app_mentions:read`
    - `chat:write`
    - `chat:write.public`
    - `im:history`
    - `files:write`
  - For **Intro-Bot** add the following scopes:
    - `app_mentions:read`
    - `chat:write`
    - `chat:write.public`
    - `im:history`
    - `channels:read`
    - `groups:read`
    - `mpim:read`
4. Scroll up a bit to **“OAuth Tokens for Your Workspace”** and click on **“Install to Workspace”**.
5. Click on **“Allow”** on the subsequent screen.
6. You will be returned to the **“OAuth and Permissions”** page.
7. Copy the **“Bot User OAuth Token”** and paste it into your `.env` file as the `SLACK_BOT_TOKEN`. It should look something like: `SLACK_BOT_TOKEN="xoxb-aaaaa-bbbbb-cccc"`.

# Setting Up App-Level Tokens and obtaining App Token

1. In the sidebar on the left, under “**Settings**”, click on “**Basic Information**”.
2. Scroll down to “**App-Level Tokens**”.
3. Click on “**Generate Token and Scopes**”.
4. Name the token anything, for example, “**App Token**”.
5. Click on “**Add Scope**” and add the following scope: `connections:write`.
6. Click on “**Generate**”.
7. Copy the generated token and paste it into your `.env` file as the `SLACK_APP_TOKEN`. It should look something like: `SLACK_APP_TOKEN="xapp-a-bbbbbb-cccccc-ddddd"`.
8. Click on “**Done**”.
9. Your `.env` file should now have 3 keys inside, and look something like:

```
TOGETHER_API_KEY="yourtogetheraikeyhere"  
SLACK_BOT_TOKEN="xoxb-aaaaa-bbbbbb-cccccc"  
SLACK_APP_TOKEN="xapp-a-bbbbbb-cccccc-ddddd"
```

## Enabling Socket Mode

1. In the sidebar on the left, under “**Settings**”, click on “**Socket Mode**”.
2. Make sure “**Enable Socket Mode**” has been toggled “**on**”.

## Enabling Interactivity

1. In the sidebar on the left, under “**Features**”, click on “**Interactivity and Shortcuts**”.
2. Make sure “**Interactivity**” has been toggled “**on**”.

## Setting Up Event Subscriptions

1. In the sidebar on the left, under “**Features**”, click on “**Event Subscriptions**”.
2. Make sure “**Enable Events**” has been toggled “**on**”.
3. Under “**Subscribe to Bot Events**”, click on “**Add Bot User Event**”.
4.
  - For **Llama-2-13b-chat-hf**, **Yi-34B-Chat**, **Mistral-7B-Instruct-v0.1** and **alpaca-7b**, add the following Bot User Events:
    - `app_mention`
    - `message.im`
  - For **Image-Bot** add the following Bot User Events:
    - `app_mention`
    - `message.im`
  - For **Intro-Bot** add the following Bot User Events:

- app\_mention
- message.im
- channel\_created
- member\_joined\_channel

5. Click on **“Save Changes”** and if prompted, click on **“reinstall app”**.

## Configuring App Home

1. In the sidebar on the left, under **“Features”**, click on **“App Home”**.
2. Under **“Show Tabs”**, make sure **“Messages Tab”** has been toggled **“on”**.
3. Check the box for **“Allow users to send Slash commands and messages from the messages tab”**.

## Adding the App to a channel

1. In the channel you want the bot to reside in, simply mention the bot by typing **“@bot\_name”** and press enter.
2. An alternative way is to right click a channel, click on **“Settings”** -> **“Integrations”** -> **“Add Apps”**.
3. You should now be able to interact with the app via **“@bot\_name”** mentions.