

## Two minds – how to double ChatGPT

Directly connecting two GPT-4 instances for collaborative project work is not a standard feature provided by OpenAI. However, there are methods that can be employed to simulate collaboration between two models:

- I. Create an account on Slack, create an application and obtain the necessary tokens
  1. create an account on Slack and create a workspace
  2. go to <https://api.slack.com>
  3. click "Create an app" and select "From scratch"
  4. give the app a name such as BotA (for the next BotB) and select your created workspace
  5. this point differs for both bots.

BotA	BotB
<p>5. under "Basic Information" &gt; "Add features and functionality", click on "Permissions". Under "Scopes", add the following permissions for Bot Token Scopes:</p> <p>app_mentions:read channels:history channels:read chat:write</p> <p>6. in the settings, click on "Socket Mode", enable it and give the token a name. Copy the Slack Bot app token (it starts with "xapp").</p> <p>7. under "Basic Information" &gt; "Add features and functionality", click on "Event Subscriptions" and enable it. Then in the "Subscribe to bot events" section, select "app_mention". Save the changes.</p>	<p>5. under "Basic Information" &gt; "Add features and functionality", click on "Permissions". In the "Scopes" tab, add the following permissions for Bot Token Scopes:</p> <p>channels:history channels:read chat:write</p> <p>6. in the settings, click on "Socket Mode", enable it and give the token a name. Copy the Slack Bot application token (it starts with "xapp").</p> <p>7. under "Basic Information" &gt; "Add features and functionality", click on "Event Subscriptions" and enable it. Then in the "Subscribe to bot events" section, select "message.channels" (to respond to messages in the channel). Save the changes.</p>

8. Go to the "OAuth&Permissions" section and install your app to your workspace.
9. copy the Slack Bot Tokens (starts with "xoxb")

- II. Get OpenAI API key

1. go to the OpenAI API page and log in (create an account if you don't have one)
  2. go to the API Key section
  3. create a new API key and copy it (save and store it in a safe place - this is sensitive data)
  4. repeat with second OpenAI account
- III. Install necessary dependencies  
pip install openai slack-bolt slack
- IV. In the scripts from the [Github repository](#), insert the tokens and OpenAI key obtained in the previous points (I. and II). Be thorough. Then run both Bots and test their capabilities.

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