# understanding-the-application)

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# Running the Application

Understanding the application

Before you run[secret_ai_getting_started.py](#) , let's examine the code.

1.Importing the Required Modules

```

Copy fromsecret_ai_sdk.secret_aiimportChatSecret fromsecret_ai_sdk.secretimportSecret

```

- ChatSecret
- : Handles communication with the LLM, such as sending messages and receiving responses.
- Secret
- : Manages secure access to LLM models and provides metadata about available models.

2.Initializing the Secret Client

```

Copy secret_client=Secret()

```

- Creates an instance ofSecret
- , which is used to interact with the Secret backend to fetch available LLM models and their connection details.

3.Fetching Models and URLs

```

Copy models=secret_client.get_models() urls=secret_client.get_urls(model=models[0])

```

- get_models()
- : Retrieves a list of all LLM models registered with the backend.
- get_urls(model=models[0])
- : For the first model in the list (models[0]
- ), fetches a list of instance URLs where the model can be accessed.

4.Setting Up the LLM Client

```

Copy secret_ai_llm = ChatSecret( base_url=urls[0], model='llama3.1:70b', temperature=1.0 )

```

- base_url=urls[0]
- : Specifies the first URL in the list as the endpoint to connect to the LLM.
- model='llama3.1:70b'
- : Specifies the model to use (e.g., Llama 3.1 with 70 billion parameters).
- temperature=1.0
- : Configures the "creativity" of the model's responses. Higher values produce more varied outputs, while lower values make responses more deterministic.

5.Defining the Chat Messages

```
Copy messages = [ ("system", "You are my therapist. Help me with my issues."), ("human", "I miss my cat."), ]
```

- Messages are defined as a list of tuples:
  -
    - ("system", ...)
  -
    - : Instructions for the model about its role (e.g., "therapist").
  -
    - ("human", ...)
  -
    - : A message from the user (e.g., expressing sadness about missing their cat).

6.Invoking the Model

```
Copy response = secret_ai_llm.invoke(messages, stream=False)
```

- invoke(messages, stream=False)
- : Sends the messages to the LLM for processing.
- messages
- : The list of chat messages.
- stream=False
- : Indicates that the response should be returned all at once rather than streamed in parts.

Run the application

To run the sample application:

```
Copy python secret_ai_getting_started.py
```

Upon successful installation, you should see a response:

```
Copy It's completely normal to feel a deep sense of loss and longing when we're separated from our beloved pets, especially ones as special as cats.

Was it a recent separation, or is this a lingering feeling you've been carrying around for a while?
```

Conclusion

Congrats on your first integration with Secret AI SDK!

The Secret AI SDK provides developers with an early glimpse into integrating confidential LLMs, enabling secure and innovative applications. As a developer preview, it is designed for testing and exploration, not production use. Feedback is encouraged to help refine the SDK for future releases.

Join theSecret Network Community Developers group on Telegram to share feedback and get code assistance😊Previous Setting Up Your Environment Next Economics Last updated9 days ago

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