**StudyBuddy Code and environment setup**

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1. Download anaconda distribution’s individual edition package from <https://www.anaconda.com/products/individual>
2. Download visual studio code from <https://code.visualstudio.com/Download>
3. Install GitHub plugins and docker extensions in visual studio code.
4. Clone the code from <https://github.com/suryasubr/StudyBuddy>
5. Install Python with MiniConda. Python and Pip will be included in this.

The downloads are available at <https://docs.conda.io/en/latest/miniconda.html>.

1. Create a virtual environment using below commands in VS code terminal

conda create -n hellorasa python=3.7.5

conda activate hellorasa

pip install rasa

7. Initialize rasa using “rasa init”

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The following configurations and versions were used for the studybuddy.

conda create -n chatbot python==3.7.5

conda activate chatbot

Pip3 install rasa==2.1.2

pip install rasa-sdk==2.3.1

rasa --version

rasa init

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socket configuration

socket

socketio:  
user\_message\_evt: user\_uttered  
bot\_message\_evt: bot\_uttered  
session\_persistence: true/false

endpoint

action\_endpoint:  
url: "<http://localhost:5055/webhook>"

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Once the code is setup, to train and run the model use the below code in sequence

1. conda activate test(your rasa environment name)
2. rasa train
3. rasa run -m models --enable-api --cors "\*" –debug

In a new command terminal run,

1. rasa run actions

Then open the home.html to run the chatbot locally

To install rasa x for testing use

1. pip install -U rasa-x --extra-index-url <https://pypi.rasa.com/simple>

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Refer to the below resources to understand about different aspects

1. The rasa documentations can be accessed here

<https://rasa.com/docs/>

1. Another sample code that uses rasa framework

<https://github.com/Horizon733/rasa-webchat>

1. Tutorial for deployment to okteto cloud

<https://www.youtube.com/watch?v=ouFR81rpg5o> -

1. website integration of bot

<https://www.youtube.com/watch?v=eJMT2FovZsM&t=175s>

1. Slot filling with buttons

<https://www.youtube.com/watch?v=CT0r1IXeU5U&t=1184s>

1. adding a widget

<https://sundayposts.sundaybots.com/rasa/2020/11/27/Adding-Chat-widget-for-RASA-bot.html>

1. Common mistakes and their fixes

<https://www.youtube.com/watch?v=B1Z-lM7daAg&t=13s>

# [Rasa-webchat with Rasa 2.7 and rasa\_sdk 2.7](https://forum.rasa.com/t/rasa-webchat-with-rasa-2-7-and-rasa-sdk-2-7/45847)

<https://forum.rasa.com/t/rasa-webchat-with-rasa-2-7-and-rasa-sdk-2-7/45847/5>