Chatbot Skills Creation

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Summary

In this Article, you will learn about How to Make a Chatbot in Python Step By Step.

1. Prepare the Dependencies .
2. Import Classes .
3. Create and Train the Chatbot .
4. Communicate with the Python Chatbot.
5. Train your Python Chatbot with a Corpus of Data.

Make a Chatbot in Python

In the past few years, **chatbots in Python** have become wildly popular in the tech and business sectors. These intelligent bots are so adept at imitating natural human languages and conversing with humans, that companies across various industrial sectors are adopting them. From e-commerce firms to healthcare institutions, everyone seems to be leveraging this nifty tool to drive business benefits. In this article, we will learn about **chatbot using Python** and **how to make chatbot in python.**

Prepare the Dependencies

```
pip install chatterbot
pip install chatterbot_corpus
```

pip install git+git://github.com/gunthercox/ChatterBot.git@master

```
pip install --upgrade chatterbot_corpus
pip install --upgrade chatterbot
```

Import classes

```
from chatterbot import ChatBot
from chatterbot.trainers import ListTrainer
```

Create and Train the Chatbot

```
my_bot = ChatBot(name='PyBot', read_only=True,
                 logic_adapters=
['chatterbot.logic.MathematicalEvaluation',
                                 'chatterbot.logic.BestMatch'])
```

responses you can train your chatbot using python to learn:

```
small_talk = ['hi there!',
              'hi!',
              'how do you do?',
              'how are you?',
              'i\'m cool.',
              'fine, you?',
              'always cool.',
              'i\'m ok',
              'glad to hear that.',
              'i\'m fine',
              'glad to hear that.',
              'i feel awesome',
              'excellent, glad to hear that.',
              'not so good',
              'sorry to hear that.',
              'what\'s your name?',
              'i\'m pybot. ask me a math question, please.']

math_talk_1 = ['pythagorean theorem',
               'a squared plus b squared equals c squared.']

math_talk_2 = ['law of cosines',
               'c**2 = a**2 + b**2 - 2 * a * b * cos(gamma)']
```