Wit.ai

Wit.ai is online tool for chatbot platforms and it is an API that makes it very easy for developers that you can talk to. Any app, or any device, like smart watch, Google glass, even a car can stream audio to the wit.ai and get actionable data in return. Simply wit.ai turns speech into action. Wit.ai is open source tool for GitHub folks and GitHub stars. It is used in home automation, robots, mobile apps. It learns human language from every interaction.

Wit.ai application in bot is it can easily create text or voice based bot that human can chat with on their preferred messaging platform. In mobile app, users enjoy a hand-free experience during driving, cooking, work out. Developers use wit.ai to easily build voice interface in their app. In home automation, wit invokes Home.set_temperature() on the thermostat if the say feeling hot when the remote is out of reach. In wearable device, due to tiny screens voice interface became an important feature. Wit enables the hardware to understand the humans and understand their needs.

As said it is open source for GitHub folks we can login with GitHub account. We can easily create the wit app by following the documentation steps. After creating the app, you have to train the app in understanding section teach the app with several set of sentences which give same meaning so that we can make the app as better as possible. Choose an intent which means the key of the sentence like what is the temperature denotes the key is temperature. Finally we have to train and validate the intent with the sentence. Query your app is next step in this we can copy the url of http api request and after running it in the terminal section. After this create a new intent and train and validate with the sentences. We can also create an entity by selecting the object of sentence for example let the entity be 70 degrees if we give the entity as 60 degrees it should take the same entity box. Finally the app should understand the difference between get and set request.

Wit can understand the human language by extracting the relevant information with the help of recipes it can be build in or user defined. It used to categorize the user intent. Some of the recipes are temperature, location, date and time, etc. Extracting the entity is also a part of recipes. It also do sentiment analysis that is either positive or negative. One can integrate wit with facebook, app, websites. We can make the app either private or open app. After completion we can export the app and create ownership. If we not using the app we can delete the app. HTTP api allow us to choose either post or get method and it can also help in fetching the intent and entity. Build-In entity also available like age, distance, duration, etc. It supports node.js, python, ruby and go. The vital role of is wit is to understand the natural language which helps in machine learning.