BotMan
A framework for Bot Development

Project Abstract

By,

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ABSTRACT

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With the recent development in the field of technology, people are adopting new means of communication. In a study published by the Flurry, a mobile analytics and advertising company, in their annual State of Mobile report 2016, they say that the average time spent on the social media grew by four times over the last year. The use of messaging applications are not only limited to social platform but also has penetrated into the commercial space.

Developing chat bots is not essentially an easy task. These tasks involve but are not limited to, installing required packages and deploying to cloud. Different machine learning algorithms and natural language processing will make the bot learn the user traits and will become a powerful tool as we go in future. Currently, the industry lacks innovative solutions for the platform agnostic dashbot. We will research and expand existing knowledge boundaries through this project.

We propose to build a framework, which will provide the users a facility to build chat bots. The framework will take care of installing the dependencies, deploying the bot on the cloud platform; version control of bot code. We will provide a dashboard and bot analytics service that would help the bot owner to gain insights of the user bot interaction, increase engagement and build a better bot. Another important feature of the framework is to provide a platform agnostic, database independent skeleton of a dashbot. With a little training, many businesses will be able to integrate this dashbot with their database and the dashbot should start working on their platform interacting with their customers. This framework in a fully-fledged and successful format will just be the solution in dire need.