

Survey on Various Attributes and Algorithms Used in Chat-Bots

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Abstract: *If someone in the early 1950's thought of creating a machine that is able to replicate human conversations, everyone would've ridiculed this notion. The thought of a machine talking to human beings without them realizing that it's a machine talking to them, got Alan Turing intrigued. This idea later became the foundation of chat-bots and came to be known as the Turing Test. Joseph Weinbaum, inspired by the Turing Test, created the world's first chat-bot Eliza. A chat-bot is an individual creature which holds discussions with human beings despite "It" not being a human. It can be based on book based discussion, a conversation or even a non-verbal discussion. A chat-bot - in some cases Insinuates to as a chatterbot - it is a modifier that reproduces the discussion of an individual through book or voice communications. Deployment, logical and efficient implementation of chat-bot helps to not only decrease overhead expenses by utilizing bolster staff time, it likewise permits organizations to give 24/7 of client care during hours when the staff aren't accessible. Chatbot for various purposes will be developed using intelligent design algorithms that will analyze and resolve users' questions in response to prompt response. This framework will be an application that will provide answers to the client's separate questions. Clients will need to select a class of questions and then ask a question to the bot that will be used to comment on you. User queries will be resolved using natural language processing and artificial intelligence. Chat-bots will work 24/7 and 365 days of a year with little or no maintenance required. The appropriate responses will be given utilizing the man-made calculations made by the developer of the chat-bot. Clients won't actually need to go to the school for requests. Our generation is used to getting everything instantly – whether it's sending an email, making a purchase, posting a picture or searching for assistance with assignments, it needs to be done in a matter of a few clicks, therefore there is a growing need of chat-bots which can provide solutions instantly and within a few clicks.*

Keywords: Natural Language Processing and Artificial Intelligence, Chat-bot

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