Abstract

Recently, the development of conversational system as a medium of conversation between human and computer have made a great stride. This human and computer communication has covered the way for enormous natural language processing techniques. A chatbot is a computer system that allows human to interact with computer using natural language. The chatbots system are widely used in various field such as in businesses, education, healthcare and many more. The design and development of chatbots involves variety of techniques. Therefore, in this paper, we presents the review of techniques used to design Chatbots. A few examples of chatbots design is also discussed to give an understanding on how chatbots works and what are the type of approaches available for chatbots development. With rapid development in Chatbots technology, it is hoped that it could complement human constraints and optimize the productivity.

Index Terms

Computer Science

Software Engineering

Keywords

Chatbots, Instant Messaging, Bots, Natural Language.