Chatbots - keeping track of context

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***Abstract*—Nowadays chatbots become more and more sophisticated conversationalists, due to recent advances in the field. Chatbots are especially popular in handling customer service tasks. However it is crucial for a bot to be able to keep the context of a conversation. The bot should be able to know wheter a person is indian or whether a person means his mother when saying "she" or his wife. In this paper we give an overview over the different ways of contexts, and the current state of the art in context tracking. In the end we propose a model to keep track of the context using neural networks. We train and evaluate the network using the ubuntu dataset [1].**

I. Introduction

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mds

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II. Types of context

A. Indian context

B. dialogue state tracking

III. Related work/ state of the art

A. statistical algorithms

B. machine learning

IV. Analysis of existing approaches

V. Neural network with ubuntu dataset

A. Idea

B. analysis

Subsection text here.

VI. Conclusion

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[1] http://dataset.cs.mcgill.ca/ubuntu-corpus-1.0/