



**A Thesis Submitted in Partial Fulfillment of the
requirements for the degree of bachelor of Computer
Science**

Asterisk-Rasa Connector

Natural language processing using IP telephony

by
Carlos Adonis Vara Pérez

Supervisors

Dra. Nancy Guadalupe Arana Daniel
Thesis Director

Dr. Gehová López González
Thesis Co-director

University of Guadalajara

Diciembre 2020

Abstract

Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et

Contents

1 Introduction

English text

2 Problem statement

3 Justification

English text

4 Objectives

General

- Create a connector, and a tutorial that explains its use, that allows communication between rasa and asterisk, through the use of stt and "text to speech (tts)" algorithms, text to speech.

Specific

- Create a demo chatbot for the user to follow a script and measure precision using the Levenshtein distance to compare strings.
- Post the code on github.com or similar.

5 Literature review

5.1 Web connector

English text

5.2 Alexa integration

English text

6 Hypothesis

7 Methodologie

8 Design and implementation

A Appendix

Eins (ohne extra Eintrag im Inhaltsverzeichnis)

Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua. At vero eos et accusam et justo duo dolores et ea rebum.

Zwei (ohne extra Eintrag im Inhaltsverzeichnis)

Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet. Lorem ipsum dolor sit amet, consetetur sadipscing elitr, sed diam nonumy eirmod tempor invidunt ut labore et dolore magna aliquyam erat, sed diam voluptua.

Drei (ohne extra Eintrag im Inhaltsverzeichnis)

At vero eos et accusam et justo duo dolores et ea rebum. Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet.

Vier (ohne extra Eintrag im Inhaltsverzeichnis)

Stet clita kasd gubergren, no sea takimata sanctus est Lorem ipsum dolor sit amet.