PROJECT REPORT

Analyzing the Categories of English Words in a Sentence with Modified Left Corner Parsing Algorithm

Pendi
11.02.0055
2014/2015

FACULTY OF COMPUTER SCIENCE
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by

11.02.0055 – Pendi

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Certify that this project was made by myself and not copy or plagiarize from other people, except that in writing expressed to the other article. If it is proven that this project was plagiarizes or copy the other, I am ready to accept a sanction.

Semarang, 15 July 2015

PENDI
11.02.0055
FOREWORD

Praise and Gratitude I prayed to God Almighty for His blessings and His mercy so I have completed this final project titled "Analyzing the Categories of English Words in a Sentence with Modified Left Corner Parsing Algorithm" just in time.

Finally, I was able to make a project as my graduation requirement. I completed this project for 4 months. To complete the final project is not easy, many obstacles when creating this project. But in the end I was able to finish well and on time.

In the preparation of this final project I gained a lot of guidance and input from various parties. Either directly or indirectly. Especially supervisor (Bu Shintia), parents (Budi Hartono and Ana), brother and sister (Ningsih and Ania Sari), and friends who are on the faculty of Computer Science. Thank you for your prayers, support and always give me motivation. I realize that this final project is still far from perfect, therefore any criticism and constructive suggestions so I needed.
ABSTRACT

English is the international language used all over the world to interact with each other. Understand basic word every word in the English language is necessary for the moment. Therefore, this project can help the user find the bottom of every sentence of English.

Project using left corner parsing algorithm and made with php programming language. Left corner parsing algorithm used as examiner data in the dictionary grammar has been made. The algorithm used in the check out line so a lot of that stuff, one left corner parsing algorithm. Left corner parsing algorithm is a joint of two pieces of the method, namely top-down and bottom-up. The assignment algorithm is to check every word in a sentence, then a match to the dictionary a collection of words, grammar against the results of the examination area. Every data dictionary grammar stored in the array, so that the process of examination of every word is checked in the array every grammar. The process of examination of this will show an output of said base is analyzed as adjectives, adverb, nouns, preposition, pronouns, verbs, conjunction, interjection and determiner.

Keywords: English Language, Grammar, Array, Left Corner Parsing.
PREFACE

This report is divided into six chapters, namely:

CHAPTER 1 INTRODUCTION

This chapter contains a description of the background, scope, objective.

CHAPTER II LITERATURE STUDY

This chapter contains the definition of the data Structure, array, left corner parsing algorithm, English grammar, grammar.

CHAPTER III PLANNING

This chapter contains the plan of the project and project implementation time.

CHAPTER IV ANALYSIS AND DESIGN

This chapter contains diagrams course of the program, and program flow charts.

CHAPTER V IMPLEMENTATION AND TESTING

Contains the results of implementation of the overall system. In this chapter also included a few pictures listing program / coding.

CHAPTER VI CONCLUSION

This chapter contains conclusions and recommendations from the results of the project report.
TABLE OF CONTENTS

FOREWORD ................................................................................................................................. iv
ABSTRACT ........................................................................................................................................ v
PREFACE ......................................................................................................................................... vi
CHAPTER I ...................................................................................................................................... 1
INTRODUCTION .............................................................................................................................. 1
1.1. Background ............................................................................................................................. 1
1.2. Scope ....................................................................................................................................... 1
1.3. Objective ................................................................................................................................ 2
CHAPTER II .................................................................................................................................... 3
LITERATURE STUDY ...................................................................................................................... 3
2.1. Data Structure : One-Dimensional Array .............................................................................. 3
2.2.1. Left Corner Parsing Algorithm ......................................................................................... 4
2.3. English Grammar .................................................................................................................. 4
2.4. Grammar ................................................................................................................................ 5
CHAPTER III ................................................................................................................................... 6
PLANNING ..................................................................................................................................... 6
3.1. Research Metodology ............................................................................................................. 6
3.2. Project Management .............................................................................................................. 7
CHAPTER IV ................................................................................................................................... 8
ANALYSIS AND DESIGN ............................................................................................................. 8
4.1. Analysis4.1.2. Flow Chart ........................................................................................................ 8
4.2. Design ..................................................................................................................................... 9
5.1. Implementation ..................................................................................................................... 10
5.2. Testing .................................................................................................................................. 18
CHAPTER V .................................................................................................................................... 11
IMPLEMENTATION AND TESTING .............................................................................................. 11
5.1. Implementation ..................................................................................................................... 11
5.2. Testing .................................................................................................................................. 18
CHAPTER VI .................................................................................................................................. 22
CONCLUSION .............................................................................................................................. 22
6.1. Conclusion ............................................................................................................................. 22
6.2. Further Research .................................................................................................................. 22
REFERENCES .............................................................................................................................. 23
APPENDIX ...................................................................................................................................... 24
TABLE OF FIGURES

<table>
<thead>
<tr>
<th>Figure</th>
<th>Description</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Figure 1</td>
<td>Flow Chart Program</td>
<td>8</td>
</tr>
<tr>
<td>Figure 2</td>
<td>Input</td>
<td>11</td>
</tr>
<tr>
<td>Figure 3</td>
<td>Delete</td>
<td>12</td>
</tr>
<tr>
<td>Figure 4</td>
<td>Read the data txt</td>
<td>12</td>
</tr>
<tr>
<td>Figure 5</td>
<td>Input save to array</td>
<td>13</td>
</tr>
<tr>
<td>Figure 6</td>
<td>Database grammar save to array</td>
<td>14</td>
</tr>
<tr>
<td>Figure 7</td>
<td>Compare and analyzing</td>
<td>16</td>
</tr>
<tr>
<td>Figure 8</td>
<td>Save input to table array one-dimensional</td>
<td>17</td>
</tr>
<tr>
<td>Figure 9</td>
<td>If the data can not found</td>
<td>17</td>
</tr>
<tr>
<td>Figure 10</td>
<td>Input display</td>
<td>18</td>
</tr>
<tr>
<td>Figure 11</td>
<td>After user input</td>
<td>18</td>
</tr>
<tr>
<td>Figure 12</td>
<td>Output analyzing grammar</td>
<td>19</td>
</tr>
<tr>
<td>Figure 13</td>
<td>Example other input</td>
<td>19</td>
</tr>
<tr>
<td>Figure 14</td>
<td>Output two same word grammar</td>
<td>20</td>
</tr>
<tr>
<td>Figure 15</td>
<td>Delete display</td>
<td>21</td>
</tr>
</tbody>
</table>
TABLE OF TABLE

Table 1: one-dimension array.................................................................3
Table 2: Project Management...............................................................7