First Project Presentation
CSV conversion to JSON
LCC 3rd Year

Bruno Dias da Gião   Maria Filipa Rodrigues

A96544   A97536

November 27, 2022

Contents

Objective of this Project

1. "De-Obfuscating' tabular data files into readable plain text

Objective of this Project

1. "De-Obfuscating' tabular data files into readable plain text
2. Testing and consolidating theoretical and practical knowledge of **Regular Expressions**

Objective of this Presentation

1. Facilitating the reading and comprehension of both the project's report and its code.

Historical Context

1. Origin of CSV

Historical Context

1. Origin of CSV
2. Origin of XLS

Historical Context

1. Origin of CSV
2. Origin of XLS
3. Origin of JavaScript and JSON

Motivation and Background

1. What was asked for the project?

Motivation and Background

1. What was asked for the project?
2. Why is this a pertinent subject?

Expansion of the Project

1. Preprocessing XLS files

Expansion of the Project

1. Preprocessing XLS files
2. Using the JSON file in real contexts

Methodology

1. Design Philosophy

Methodology

1. Design Philosophy
2. Conception

Methodology

1. Design Philosophy
2. Conception
3. Result

Analysis

1. Regular Expressions

Analysis

1. Regular Expressions
2. Python's re module

Analysis

1. Regular Expressions
2. Python's re module
3. Text Filters

Results

1. Examples

XL preprocessing

1. How are XL files stores

XL preprocessing

1. How are XL files stores
2. How it can be done

XL preprocessing

1. How are XL files stores
2. How it can be done
3. Why it wasn't done

Final Remarks

1. Our opinions on our work

Final Remarks

1. Our opinions on our work
2. Future work

Final Remarks

1. Our opinions on our work
2. Future work
   1. Real world applications?

Thank You!