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Normalization Exercise - User Manual



Linphone for Andriod Group Chat (Waterfall)

Client: Nanoteq

Version 1.0

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Date: October 3, 2015

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1 Systems Overview

The basis for this system is to provide a user with the ability to upload a chosen file of a certain extension. The system will then parse the file and return meta-data about the file such as file type. The system will then further parse the file and produce statistics regarding contents of the file. This includes the following statistics:

- Number of lines of code
- Number of statements
- Number of classes
- Number of functions or methods
- Average number of statements per class
- Average number of statements per function
- Lines of comments

2 Systems Configuration

The system is exported as a simple executable jar. A user can thus use any machine to run the application on.

3 Installation

No installation is necessary to make use of the application. The user simply needs to locate the executable file and double-click on it to open the application.

4 Getting Started

The user simply needs to locate the executable file and double-click on it to open the application.

5 Using The System

Below is a list of detailed steps on how to use the application.

1. Open the application
2. Click on "Browse" to upload a file
3. Locate the desired file, select it and click "Upload".
4. Click "Parse"
5. Observe Results

6 Troubleshooting

Below is a list of problems that may be encountered along with their possible solutions:

6.1 Desired File not Located

Problem: When "Browse" is clicked the desired file to be located is not found.

Solution: Search in all possible directories of computer to locate the file. Make sure that the file you are searching for exists.

6.2 File not processed

Problem: When "Parse" is clicked No results appear.

Solution:

1. Make sure a file has been selected to be parsed.
2. Make sure the file that has been uploaded is supported by the application (C and Java).

6.3 File incorrectly processed

Problem: When "Parse" is clicked obviously wrong results appear.

Solution:

1. Make sure the file that has been uploaded is supported by the application (C and Java).