

Ethic > src > main > java > Ethic

Project

Ethic ~\Documents\Ethic

Development\_Process

README.md

written\_work.jpg

written\_work.pdf

InputFiles

sample.txt

sample\_ll.txt

src

main

java 100% classes, 92%

Ethic 88% methods

Ethic.class

Graph 100% metho

GraphNode.class

Graph.class

sample.txt

resources

test

java

Unit\_Test\_I

target

Ethic.iml

pom.xml

README.md

External Libraries

< 1.8 > /Library/Java/JavaVi

ant-javafx.jar library root

charsets.jar library root

cldrdata.jar library root

deploy.jar library root

dnsns.jar library root

dt.jar library root

tokenString

13 results

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

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23

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29

30

31

32

```
import java.util.*;
import java.io.*;
import java.io.IOException;
import java.nio.file.Path;
import java.nio.file.Paths;

public class Ethic {
    public Graph graph;

    public Ethic(){
        System.out.println("Graph Has Been Initialized");
        graph = new Graph();
    }

    public void createGraph(List<String> routes)
    {
        // Trim all leading & trailing white spaces
        List<String> trimRoutes = new ArrayList<String>();
        for(String route: routes)
        {
            trimRoutes.add(route.trim());
        }
        routes = trimRoutes;

        // Create Nodes
        for(char id: getDistinctNodes(routes)){
            graph.addNode(id);
        }

        // Create Edges
        for(String route: routes){
```

Coverage: Unit\_Test\_I

100% classes, 92% lines covered in 'all classes in scope'

Element	Class, %	Method, %	Line, %
apple			
com			
java			
javafx			
javax			
jdk			
META-INF			
netscape			
oracle			
org			
resources			
sun			
toolbarButtonGraphics			
Ethic	100% (1/1)	88% (8/9)	72% (45/62)
Graph	100% (2/2)	100% (26/26)	98% (194/196)

Run: Unit\_Test\_I.shortestRoutesBetweenTwoTowns

Ethic

Please provide the absolute path to your input file: /Users/haitai/Documents/Ethic/InputFiles/sample.txt

Graph Has Been Initialized

Creating graph: AB5,BC4,CD8,DC8,DE6,AD5,CE2,EB3,AE7

The distance of the route ABC.

9

The number of trips starting at C and ending at C with a maximum of 3 stops

2

The number of different routes from C to C with a distance of less than 30

7

The length of the shortest route (in terms of distance to travel) from A to C

4: Run

TODO

Problems

Debug

Terminal

Build

All files are up-to-date (moments ago)

16:1 LF UTF-8 4 spaces