

BUGSMILESTONE2.TXT

This is the *Known* Bugs file for MileStone2 for CS351 Webalyzer

BUG 1)

BFS iterator and DFS iterator

These two Methods inside DemoWebGraph.java are at best buggy. I was very unsure of how to approach these two problems and ended up having nothing substantial to show for either of them. Essentially, both are the same method. While I understand the idea of the two iterators, like BFS looks at each of the children of the parent before going into the children of a given child, while DFS goes down "the line" so to say, and looks at each child before going on to the starting node's child. Due to my lack of actual implementation-al understanding of how to accomplish this task, these methods remain incomplete.

BUG 2)

HashCode

In the documentation we were given a formula to use for the implementation of hashCode, from my understanding of the writeup, it appears that we are to override Java's normal hashCode() and use the function given to use in the Webalyzer API. Unfortunately, I was unable to implement this method. In loo of using the new hashCode() I resorted to using Java's built-in functionality. Due to this, I also did not write tests for hashCode, I found it irrelevant to write test code for an already built and debugged standard Java function.

Bug 3)

Equals

This bug is much the same as hashCode's bug, I did not have time to implement the new functionality that was described in the write up for this assignment and ended up using the built-in Java equals() method.

Bug 4)

SaveYourSelf/ Load Yourself

This bug, I am unsure is even really a bug, but due to a lack of testing on their functionality I will mark it as such. These functions were written last in the scheme of coding, and have not been thoroughly tested to find out if they work correctly or not. They may work though in which case I would be ecstatic and might jump up and down repeatedly if this comes to pass.

Bug 5)

Empirical Report, Analysis Report, Plot and Image files and Empirical code user documentation

It has never been explained to me how to do these kinds of reports, much less preformed them myself. While there is somewhat of a analysis Report and Empirical report attached to this submission, it is to be known that my way of thinking about this documentation is probably flawed on a good day and will most likely be prone to flaws and inconsistencies.

BUG 6)

General BUGS

I am sure that in my implementation of this program that there are bugs all over the place and it would take an army of exterminators to try to clean up the mess that I have made for myself in my implementation of this program, that being said, I can say with all confidence that with my meager programming knowledge, and inexperience with Lists, Generics, and Maps, coming into this program (I was never required to use any of these data structures in any class previous to this) I am somewhat proud to say that I did my best and hope to hone my skills as the class progresses

There is a famous quote that reads: Failure is only a temporary change in direction to set you straight for your next success and Only those who dare to fail greatly can ever achieve greatly.

As you will see in grading this program. I am daring to fail greatly.

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