Instructions

1. The zipped archive that you received should have eight files:

– feedback.jar
– lucene-core-2.4.0.jar
– lucene-demos-2.4.0.jar
– corpus directory
– index directory
– instructions.pdf
– query4FORYOU.txt
– query4FORMACHINE.txt

If any of those are missing, please send an email to greg@4colorrebellion.com immediately.

2. Read **query4FORYOU** carefully. This is the bug that you are trying to "solve." Take note of key terms and consider what information is vital.

3. Load the tool by typing "java -jar feedback.jar" at the command line.
   (Note: This tool has been built and tested on Linux and Mac. It might not work in Windows. We suggest that you ssh into the CSEE shell servers when conducting this work.)

4. You will be prompted for your name and the name of a query file. When it asks for the query file, enter **query4FORMACHINE.txt**

```
greg@1011-ubuntu-sowers:~/Desktop/studentbuild2$ java -jar feedback.jar
Your settings: a=0.75 b=1.0 c0.5 methods per round=2
max similar results=1000 term ranking= method 5,20 top terms.
Please enter your last name:

Mernzies
Please enter the name of your query file:
query4FORMACHINE.txt
```

5. The name of the first method will appear followed by its source code. Read it carefully and enter a rating. Your options are relevant, irrelevant, or skip (if you are unsure of how to rate it). If you think that the current method is the one of the methods that must be changed in order to remove the bug, enter target as your rating.
   (Note: Due to occasional inconsistencies in programming style, occasionally the text of a method will be cut off early. If this is the case, please open the source code – which is contained in the corpus directory – in any editor or IDE. It is important that you read the code carefully.)

```
Document #2234 ATunes1.10.0Rocchio.src.net.sourceforge.atunes.gui.views.controls
.playList.PlayListTable.java.PlayListTable.getPlayingSong
Source code:

        public int getPlayingSong() {
                return playingSong;
        }


Enter a ranking ->
```

6. Repeat until you identify a target method (one of those methods that must be modified in order to fix a bug) or until you have rated fifty methods (the program will tell you when this is the case).

7. After you have finished, a log file will be generated with your name on it. Email that log file to greg@4colorrebellion.com.

8. Once you submit a log report, you'll receive the next query. You must complete four queries a week to receive your participation grade.

If you have any questions,comments, or want to file a bug report, send a message to greg@4colorrebellion.com. For more on this research, read http://greggay.com/pdf/09rel.pdf

About This Corpus

Adempiere is an Enterprise Resource Planning or ERP software released under an open source software license. The word **Adempiere** (pronounced ah-DEHM-pyeh-reh) in Italian means "to fulfill" or "to accomplish".

The software is licensed under the GNU General Public License, and thus can also be described as free software.

The following business areas are addressed by the Adempiere application:

- Enterprise Resource Planning (ERP)
- Supply Chain Management (SCM)
- Customer Relationship Management (CRM)
- Financial Performance Analysis
- Integrated Point of sale (POS) solution
- Integrated Web Store
- Material Requirements Planning (or Manufacturing Resource Planning, in beta for Release 3.5), contributed by the Libero project.

Adempiere is developed with [J2EE](J2EE) technology, specifically utilizing the JBoss application server. Currently database support is restricted to Oracle and PostgreSQL.