

User Manual:

Running pagerank analysis:

There is a runnable jar called FinalProgram.jar in the folder.

Open up terminal and type in “java -jar FinalProgram.jar” to run the program

Please make sure ‘test.txt’ is in the same directory as the .jar file.

```
atman@Henry MINGW64 ~/Desktop/netshw150/NETS150FinalProject
java -jar FinalProgram.jar
```

```
Fatman@Henry MINGW64 ~/Desktop/netshw150/NETS150FinalProject (master)
$ java -jar FinalProgram.jar
Starting score total: 10.0
| Progress: |
#####
Vertex [name=Dragon_Priest, className=Priest]=0.36474567349986703
Vertex [name=Midrange_Paladin, className=Paladin]=0.3670145743416401
Vertex [name=Murloc_Paladin, className=Paladin]=0.37275384050879407
Vertex [name=Freeze_Mage, className=Mage]=0.3780202201216478
Vertex [name=Silence_Priest, className=Priest]=0.38167803398737826
Vertex [name=Secret_Mage, className=Mage]=0.3834188261650799
Vertex [name=Control_Paladin, className=Paladin]=0.39038783239620695
Vertex [name=Midrange_Hunter, className=Hunter]=0.39163797403564776
Vertex [name=Ramp_Druid, className=Druid]=0.39202965467529305
Vertex [name=Burn_Mage, className=Mage]=0.3921531455739464
Vertex [name=Token_Druid, className=Druid]=0.4014086578629611
Vertex [name=Jade_Druid, className=Druid]=0.4014727675946632
Vertex [name=Crystal_Rogue, className=Rogue]=0.4045119264855219
Vertex [name=Miracle_Priest, className=Priest]=0.4054418014473543
Vertex [name=Aggro_Shaman, className=Shaman]=0.42392065196582224
Vertex [name=Exodia_Mage, className=Mage]=0.424793861727095
Vertex [name=Pirate_Warrior, className=Warrior]=0.4751874430938334
Vertex [name=Taunt_Warrior, className=Warrior]=0.4862930056336296
Vertex [name=Hand_Warlock, className=Warlock]=0.4869950102402273
Vertex [name=Miracle_Rogue, className=Rogue]=0.5130037473197842
Vertex [name=Zoo_Warlock, className=Warlock]=0.5279562333607577
Vertex [name=Elemental_Shaman, className=Shaman]=0.6162409593072502
Vertex [name=Murloc_Shaman, className=Shaman]=0.6189341586555929
```

An interactive graph will show up and there will be a progress bar. Wait until the progress bar completes to get the page rank for each class.

The graph is slightly messy, but you can interact with it. Use the scroll bars to move around.

There is an image of this graph under images folder called “interactive_graph”

A bar graph will show up and present the classes and their perspective page ranks. You may have to enlarge the bar graph to see the names.

There is an image of this bar graph under images folder called “pagerank_graph”