**USER**

**MANUAL**

**COMP 3403**

**Reliable UDP FTP**

**AUTHORS:**

**Cody McCarthy, 100097829**

**Jeremy Wheaton, 100105823**

**Table of Contents:**

Files/Dependencies . . . . . . . . . . . . . . . . . . . .

Instructions . . . . . . . . . . . . . . . . . . . . . . . . . . . .

Process . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

. . . . . . . . . . . . . . . . . . . . . . . . . . . .

. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 2

. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3

. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 3

. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 4

FILES AND DEPENDENCIES

Main Server file: Server.java

This file runs the server. It continuously waits for an incoming connection, and when one is established, it creates a transfer thread for that connection.

Main Client file: Client.java

This file runs the client. It takes one argument, the users name.

Settings file: Settings.java

This file is for settings and junk.

Multi Threading: TransferThread.java

This does crazy magic that allows for multiple transfers simultaneously!

Byte Conversion: ByteConverter.java

Some more crazy magic here. Converts bytes to sentient beings, which can do menial tasks around your house.

File And Directory Ops: FileOperator.java

This is a java program that outputs a string of the directory and its contents for a given user.

Test MultiThreading Script: runMultipleClients.sh

Runs multiple client programs, with different user names and requested files, which should all operate simultaneously and independently.

This package is dependent on the following java libraries:

* So many of them, look at all these dependencies!
* Another one here
* Whoa, did we even do any of the work ourselves?
* Nope, this library did it all I think.
* And this one helped.

INSTRUCTIONS