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CS472
Assignment 3 README

How to use makefile:

The makefile has one command: run.

The run command takes two arguments: PORT and LOG

PORT: the port number to listen for clients on

LOG: the file to write log messages to.

Defaults:

PORT: 21000

LOG: log.txt

Components:

FTPServer.py

Main component. Opens a socket and listens for connections. For each connection, create an instance of a FTPClient class and run it. All FTPClient classes run concurrently.

requestParser.py

Helper function that takes a string and converts it into a list containing an FTP command and any parameters it may have. If the string cannot be interpreted as an FTP command, it returns None. If the string is an invalid command, it returns a -1.

Responses.py

Contains a dictionary of FTP response codes and their messages.