

COMP 7005

Assignment 1

Report

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Purpose

This program demonstrates client-server network using domain-sockets

Requirements

Task	Status
Implement Client-Server communication using Domain Sockets	Fully implemented
Server sends file contents back to client	Fully implemented

Platforms

It has been tested on:

- Endeavour OS (Arch Linux)

Language

- Python

Documents

- [Design](#)
- [Testing](#)
- [User Guide](#)

Findings

- AF_UNIX is for Domain Sockets
- When receiving you have to specify the buffer size which makes it challenging for files that are huge
- The created socket file is used to tell the server or client how to find the other side.
- The socket is closed when the communication is over then deleted