

Server Setup Instructions

cd into the folder named oslab.

Step 1:

- 1) Create a virtual file system by following the instructions in vfs.png with the name ftp.
- 2) type: `chown your_username.your_username ftp`
- 3) cd into folder ftp and create a folder named user there by: `mkdir user`
- 4) copy the file named ftp_server.py into the folder named ftp.

Step 2:

- 1) cd into the folder named oslab.
- 2) Install python package manager by: `sudo apt-get install python-pip`
- 3) Install virtual environment using pip: `pip install virtualenv`
- 4) Activate the virtual environment: `source venv/bin/activate`
- 5) To run the server completely, follow the steps below:
 - cd into the folder named ftp and Execute the file named ftp_server.py by: `python ftp_server.py`
 - Now in another terminal window cd into the folder named oslab and type: `python watch_for_changes.py`

Launching Android Application

- Import File_Split_Join folder in Eclipse updated with ADT plugin.
- Go through the Main folder, right click and then run as Android Application.
- Once application is started application with option of splitting and joining is given.
- User can enter in what size they want to split the file.
- File can be uploaded to FTP Server with help of android application (andFTP).
- File can also be joined with option of selecting all those files which are splitted and can later joined with help of application.