

Présentation TZ20

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Objectifs

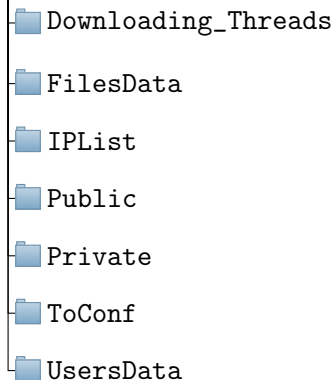
- Restriction d'accès
- Dossier privé et publique
- Affichage fonction `ls`
- Suppression des fichier (24h)
- Logs de connexion
- Changement de mot de passe
- Descriptions de fichiers
- Création de nouveaux comptes
- Configuration du serveur

Problèmes

- Communication client - serveur
- Interprétation des commandes
- Gérer les restrictions d'accès
- Récupérer la liste des dossiers et fichiers présents dans un dossier
- Stocker des informations à propos des dossiers et fichiers uploadés
- Afficher des informations de façon ergonomique/lisible
- Envoyer des mails via un programme
- Créer, gérer et utiliser la configuration du serveur
- Permettre au client de télécharger / uploader un dossier complet

Architecture

server execution folder



Interface

```
Terminal - organic-code@Ninjar:/run/media/organic-code/Shared
Connect as Foo@localhost:1234 ?[Y\n]
User passwd :

Connecting to the remote @ localhost:1234
Connected to server

Welcome to you Foo !

We're happy to see you back there !

Foo@TS1D / $ put Awesome/*
Upload is starting
Awesome/Archive.zip 422 MiB 3583 MiB [--c 0 0 0 0 0 0 0 0 0 0]
```

```
Terminal - organic-code@Ninjar:~/Server_folder

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Program under MIT License : <https://github.com/Organic-code/TS1D/blob/v1/LICENSE>
This is a free software : you are free to change and redistribute it.
There is NO WARRANTY, to the extent permitted by law.

Written by Maxime Pinard and Lucas Lazare

~ server started
[10:42] * Client found
[10:42] Foo - connected
[10:42] Foo -> welcome message send
[10:43] Foo : directory creation request
[10:43] * directory ./Public//Awesome created
[10:43] * directory ./FilesData/Public//Awesome created
[10:43] * file ./FilesData/Public//Awesome created
[10:43] Foo -> directory exist
[10:43] Foo - directory creation request successfully answered
[10:43] Foo : upload request
-File: ./Public/Awesome/Archive.zip
-File size: 3 GiB
[10:43] * file ./Public/Awesome/Archive.zip created
[10:43] * Start downloading ./Public/Awesome/Archive.zip from Foo
[10:43] Foo - [0%] of download
```

Inserting source code

```
#include<stdio.h>
#include<iostream>
//Comment
int main(void)
{
    printf("Hello_World\n");
    return 0;
}
```