

filez++ (Remote File Browser)

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Introduction

- As remote working is going on companies have to use servers remotely.
- A Utility Tool for Browsing files from a Remote server using protocols like Secure Shell Host (SSH).
- The Software is an installable, Desktop Application developed using Electron.JS (Packaging Tool) by using Web Technologies including Node.JS, Express.JS, Angular, EJS.

Existing System

- Cannot save connections
- Cannot connect to multiple ssh servers at once
- User Experience Issue, hard to use for naive users
- Server-side installation required
- Not Portable (User have to install the software in their PC)

Proposed System

- Add/Edit/Test/Delete Connections
- Connect to multiple SSH servers at once.
- GUI is easy to use, and highly customizable
- Most features of Native File Browsers like Windows File Explorer.
- Logs and User activity available.
- Server-side installation is not required
- Portable (Can run without installation on Users PC)
- Can run on Windows, Ubuntu, Fedora, Debian, MAC, etc.
- Logs and User activity available.
- Does not take much resources like RAM and CPU.

Product Backlog

- File/Folder Properties
- Shortcut Keys
- File/Folder Permissions
- Sorting
- Configurable settings like handshake wait time etc

Hardware Requirements

- Storage : 350 to 400 MB (or greater) free space
- RAM : 512 MB (or greater)
- Mouse : Required

Version Control (Git)

The screenshot shows a web browser window displaying the GitHub repository page for '27px / Remote-File-Manager'. The browser's address bar shows the URL 'github.com/27px/Remote-File-Manager'. The repository page has a dark theme. At the top, there's a search bar and navigation links for 'Pull requests', 'Issues', 'Marketplace', and 'Explore'. Below this, the repository name '27px / Remote-File-Manager' is displayed, along with statistics: 'Unwatch 1', 'Star 0', and 'Fork 0'. A secondary navigation bar includes links for 'Code', 'Issues', 'Pull requests', 'Actions', 'Projects', 'Wiki', 'Security', 'Insights', and 'Settings'. The main content area shows the 'main' branch with 1 branch and 1 tag. It lists recent commits, including '27px design changes' (02e2e6b, 5 hours ago, 71 commits) and a table of files and folders with their commit hashes, descriptions, and timestamps. The right sidebar contains sections for 'About' (Server Based GUI File Manager, AGPL-3.0 License), 'Releases' (1 tags), and 'Packages' (No packages published).

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github.com/27px/Remote-File-Manager

Search or jump to... / Pull requests Issues Marketplace Explore

27px / Remote-File-Manager Unwatch 1 Star 0 Fork 0

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

main 1 branch 1 tag Go to file Add file Code

27px design changes 02e2e6b 5 hours ago 71 commits

docs	implemented copy with skip and overwrite options	3 days ago
main	design changes	5 hours ago
.gitignore	implemented copy with skip and overwrite options	3 days ago
LICENSE	componentized files and folders	3 months ago
README.md	design changes	5 hours ago
desktop.ini	renamed client->main, and moved server in to client(main)	26 days ago
todo.txt	design changes	5 hours ago

About
Server Based GUI File Manager
Readme
AGPL-3.0 License

Releases
1 tags
Create a new release

Packages
No packages published
Publish your first package

Conclusion

- Developing a Naive User Friendly inspired by FileZilla, without some of its limitations and adding some more Features.
- The Software is a Desktop application that can run on any platform and architecture.
- packaged app can be distributed and can be run without any additional dependencies or programming languages installed and is portable.
- Future modifications and scope could be including Online Storages like Google Drive, Dropbox etc.

