

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, MongoDB.

Existing System

- Cannot save Connections.
- Could not connect to multiple servers at once.
- Old UI, hard to use for Naive Users.

Proposed System

- Customizable UI.
- Highly Interactive.
- Most features of Native File Browsers like Windows File Explorer.
- Logs and User activity available.

Product Backlog

- Establish SSH Connection.
- Save Connection details.
- Save log on every user activity.
- File Operations.
- Packaging using Electron.JS

Hardware Requirements

- HDD : 5 GB (or greater)
- RAM : 512 MB (or greater)

Version Control (Git)

The screenshot shows a GitHub repository page for 'Remote-File-Manager' (Private). The repository is located at '27px / Remote-File-Manager'. The page displays a commit by user '27px' titled 'added docs'. The commit message is 'added docs'. The commit is 1 hour ago and has the hash 'ebd3e4f'. The commit is associated with the file 'docs / team.md'. The commit has 0 contributors. The commit details show 3 lines (3 sloc) and 227 Bytes. The commit is associated with the file 'docs / team.md'. The commit details show a table with the following data:

Name	User Id	Email
Rahul R	27px	twentysevenpixels@gmail.com

The page also shows the repository's navigation bar with links to Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. The repository's statistics show 1 Pull request, 0 Stars, and 0 Forks. The repository's description is 'Remote-File-Manager'.

Conclusion

- Developing a Naive User Friendly inspired by FileZilla, without some of its limitations and adding some more Features.

