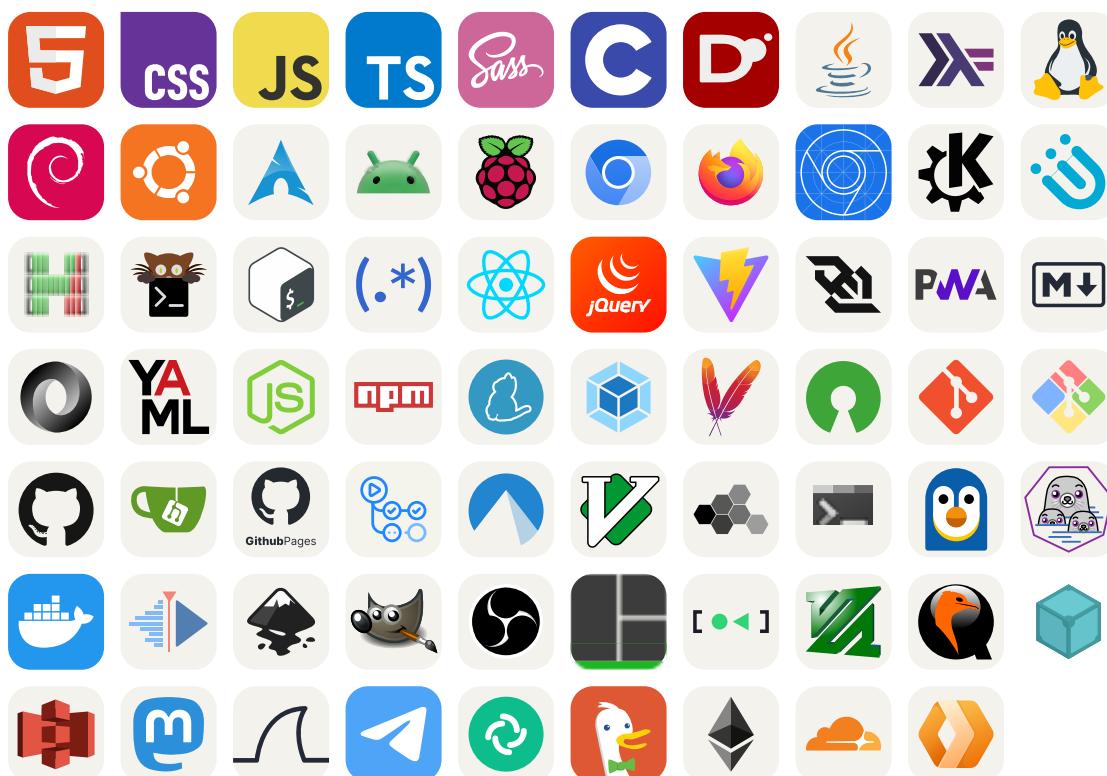


Overview

Abstract

- Session Hu (a.k.a. SessX6cf), 16. A Frontend Engineer and Free & Open Source Software (FOSS) enthusiast. Proficient in Linux server operation, system design & architecture, with research interests in network engineering and security. Routinely practices UNIX philosophy and creates technical videos on Bilibili.

Tech Stack



- and BIND9, BIRD3, Unbound, CGI, Vultr, ClawCloudRun, Minecraft Server, OpenStreetMap, JOSM, Rclone, etc.

Contributions to Projects

- [file\(1\) / libmagic\(3\)](#) (mirror 1.5k stars; patched by email: [patch reply](#)) - Updated PGP-related Magic files.
- [layui/layui](#) (30.5k stars) - Bug fixes and performance optimizations.
- [mdn/browser-compat-data](#) (5.6k stars) - Corrected and supplemented low-version compatibility data.
- [mdn/translated-content](#) (1.9k stars) - Proofread and translated Simplified Chinese documentation.
- [Sight-wcg/layui-theme-dark](#) (160 stars) - Fixed style errors.
- [SocialSisterYi/bilibili-API-collect](#) (20.3k stars; archived; collaborator) - Extensive

feature additions and maintenance.

- etc.

Personal Projects

[blogtest](#)

- **Hand-crafted** personal blog site <https://sess.xhustudio.eu.org/>.
- **Pure JavaScript, Pure CSS**, relying solely on Node.js, LayUI, MarkdownIt, and Lunar.js.
- **Completely self-implemented** Static Site Generator (SSG), Single Page Application (SPA), page routing, DOM builder, RSS, and Sitemap generators. Early versions also featured a robust, regex-free Markdown parser.
- **Compatible with low-version** Firefox, Chromium, even IE, Lynx, and w3m, without Polyfill libraries.
- Extremely fast build and load speeds.
- Supports multiple deployment methods: GitHub Pages, Cloudflare Pages, IPFS, DevServer, and Static.
- Currently uses GitHub Actions for CI to automatically update page deployments upon push.

[sino-tg-bot](#)

- A Bot written in TypeScript using the Telegraf framework.
- Directly queries weather data from NMC (National Meteorological Center) for real-time accuracy.
- Utilizes FFmpeg for streaming image and video conversions, ensuring security, efficiency, and speed.
- Provides utility tools such as sticker-to-image conversion.
- Implements secure, sandbox-free execution of shell commands (including fastfetch, man, dig, nping) based on a whitelist.

[htcpcp-server](#)

- A TypeScript implementation of **HTCPCP/1.0 (RFC 2324)** and **HTCPCP-TEA (RFC 7168)**.
- Also self-implemented a simple HTTP/1.1 (RFC 7230) server, as Node.js's http module lacks custom HTTP method support.

[gpgchatplatform](#)

- A standard for an OpenPGP-based End-to-End Encrypted (E2EE), stateless, lightweight, self-hosted, private chat platform.
- Includes detailed API documentation, a mixed Shell/C/D CGI backend reference

implementation, and a Shell frontend reference implementation.

[sgcc-webui](#)

- A React + Sass + idb + OpenPGP.js WebUI client implementation for gpgchatplatform.

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Personal Preferences

- Uses **Free and Open Source** operating systems and software, especially Debian GNU/Linux.
- Prefers using vanilla **Vim** as the editor.
- Committed to writing only Free and Open Source software.
- Prefers licenses such as GPLv3, MIT/X11, CC-BY-(NC-)SA.

Contact Information

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