

# Helpful Tools & Resources

Helpful tools and resources for computing, selfhosting and networking.

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# Awesome Selfhosted

A curation of tools by Awesome Selfhosted.

# Awesome Selfhosted - Self-hosting Solutions

## Self-hosting Solutions

- [Ansible-NAS](#) - Build a full-featured home server with this playbook and an Ubuntu box. MIT YAML/Docker
- [Bitsii Bridge](#) △ - Easy to install self-hosting platform for Windows, MacOS, and Linux. Depends on a dynamic DNS provider and Let's Encrypt. ([Source Code](#)) MPL-2.0 Java/Other
- [DietPi](#) - Minimal Debian OS optimized for single-board computers, which allows you to easily install and manage several services for selfhosting at home. ([Source Code](#)) GPL-2.0 Shell
- [DockSTARTer](#) - DockSTARTer helps you get started with home server apps running in Docker. ([Source Code](#)) MIT Shell
- [DPlatform](#) - Deploy self-hosted apps easily: simple, bloat-free, independent installation. ([Source Code](#)) MIT Shell
- [FLAP](#) - Low maintenance framework to manage self-hosted services. ([Source Code](#)) AGPL-3.0 Docker/Shell
- [FreedomBone](#) - Home server configuration based on Debian. ([Source Code](#)) AGPL-3.0 Shell
- [FreedomBox](#) - Community project to develop, design and promote personal servers running free software for private, personal, communications. ([Source Code](#)) AGPL-3.0 Python/Other
- [HomelabOS](#) - Your very own offline-first privacy-centric open-source data-center. Deploy over 100 services with a few commands. ([Source Code](#)) MIT Docker
- [NextCloudPi](#) - Nextcloud preinstalled and preconfigured, with a text and web management interface and all the tools needed to self host private data. With installation images for Raspberry Pi, Odroid, Rock64, Docker, and a curl installer for Armbian/Debian. ([Source Code](#)) GPL-2.0-or-later Bash/PHP


- [OpenMediaVault](#) - OpenMediaVault is the next generation network attached storage (NAS) solution based on Debian Linux. It contains services like SSH, (S)FTP, SMB/CIFS, DAAP media server, RSync, BitTorrent client and many more. ([Source Code](#)) `GPL-3.0` `PHP`
- [Sandstorm](#) - Personal server for running self-hosted apps easily and securely. ([Demo](#), [Source Code](#)) `Apache-2.0` `C++/Other`
- [sovereign](#) - Set of Ansible playbooks to build and maintain your own private cloud: email, calendar, contacts, file sync, IRC bouncer, VPN, and more. `GPL-3.0` `YAML/Other`
- [Syncloud](#) - Your own online file storage, social network or email server. ([Source Code](#)) `GPL-3.0` `Python/Other`
- [UBOS](#) - Linux distro that runs on indie boxes (personal servers and IoT devices). Single-command installation and management of apps - Jenkins, Mediawiki, Owncloud, WordPress, etc., and other features. `GPL-3.0` `Perl/Other`
- [WikiSuite](#) - The most comprehensive and integrated Free / Libre / Open Source enterprise software suite. ([Source Code](#)) `Multiple` `ClearOS`
- [xsrv](#) - Install and manage self-hosted services/applications, on your own server(s). ([Source Code](#)) `GPL-3.0` `Shell/Ansible`
- [YunoHost](#) - Server operating system aiming to make self-hosting accessible to everyone. ([Demo](#), [Source Code](#)) `AGPL-3.0` `Python/Other`
- [Cloudbox](#) - Ansible-based solution for rapidly deploying a Docker containerized cloud media server. ([Source Code](#)) `GPL-3.0` `Shell/Ansible`

# Awesome Selfhosted - Wikis

## Wikis

*Related: [Software Development - Documentation Generators](#)*

*See also: [Wikimatrix](#), [Wiki Engines - WikiIndex](#), [List of wiki software - Wikipedia](#), [Comparison of wiki software - Wikipedia](#).*

- [BookStack](#) - BookStack is a simple, self-hosted, easy-to-use platform for organizing and storing information. It allows for documentation to be stored in a book like fashion. ([Demo](#), [Source Code](#)) MIT PHP
- [Cowyo](#) - Cowyo is a feature-rich wiki for minimalists. ([Demo](#)) MIT Go
- [django-wiki](#) - Wiki system with complex functionality for simple integration and a superb interface. Store your knowledge with style: Use django models. ([Demo](#)) GPL-3.0 Python
- [Documize](#) - Modern Docs + Wiki software with built-in workflow, single binary executable, just bring MySQL/Percona. ([Source Code](#)) AGPL-3.0 Go
- [Dokuwiki](#) - Easy to use, lightweight, standards-compliant wiki engine with a simple syntax allowing reading the data outside the wiki. All data is stored in plain files, therefore no database is required. ([Source Code](#)) GPL-2.0 PHP
- [Gitit](#) - Wiki program that stores pages and uploaded files in a git repository, which can then be modified using the VCS command line tools or the wiki's web interface. GPL-2.0 Haskell
- [Gollum](#) - Simple, Git-powered wiki with a sweet API and local frontend. MIT Ruby
- [jingo](#) - Git based wiki engine written for node.js, with a decent design, a search capability and good typography. MIT Nodejs
- [Mediawiki](#) - MediaWiki is a free and open-source wiki software package written in PHP. It serves as the platform for Wikipedia and the other Wikimedia projects, used by hundreds of millions of people each month. ([Demo](#), [Source Code](#)) GPL-2.0 PHP
- [MoinMoin](#) - Advanced, easy to use and extensible WikiEngine with a large community of users. ([Source Code](#)) GPL-2.0 Python
- [Outline](#)  - An open, extensible, wiki for your team. ([Source Code](#)) BSD-3-Clause Nodejs

- [Pepperminty Wiki](#) - Complete markdown-powered wiki contained in a single PHP file. ([Demo](#)) `MPL-2.0` `PHP`
- [PineDocs](#) - Simple, fast, customizable and lightweight site for browsing files. `GPL-3.0` `PHP`
- [PmWiki](#) - Wiki-based system for collaborative creation and maintenance of websites. `GPL-3.0` `PHP`
- [Raneto](#) - Raneto is an open source Knowledgebase platform that uses static Markdown files to power your Knowledgebase. `MIT` `Nodejs`
- [TiddlyWiki](#) - Reusable non-linear personal web notebook. ([Source Code](#)) `BSD-3-Clause` `Nodejs`
- [Tiki](#) - Wiki CMS Groupware with the most built-in features. ([Demo](#), [Source Code](#)) `LGPL-2.1` `PHP`
- [TWiki](#) - TWiki is a Perl-based structured wiki application, typically used to run a collaboration platform, knowledge or document management system, a knowledge base, or team portal. ([Demo](#), [Source Code](#)) `GPL-1.0` `Perl`
- [wiki](#) - Simple Markdown based wiki engine. ([Demo](#)) `MIT` `Go`
- [Wiki.js](#) - Modern, lightweight and powerful wiki app using Git and Markdown. ([Demo](#)) `AGPL-3.0` `Nodejs`
- [WiKiss](#) - Wiki, simple to use and install. ([Source Code](#)) `GPL-2.0` `PHP`
- [XWiki](#) - Second generation wiki that allows the user to extend its functionalities with a powerful extension-based architecture. ([Demo](#), [Source Code](#)) `LGPL-2.1` `Java`
- [Zim](#) - Graphical text editor used to maintain a collection of wiki pages. Each page can contain links to other pages, simple formatting and images. ([Source Code](#)) `GPL-2.0` `Python`

# Awesome Selfhosted - Ticketing and URL Shortners

## Ticketing

- [Bugzilla](#) - General-purpose bugtracker and testing tool originally developed and used by the Mozilla project. [MPL-2.0](#) [Perl](#)
- [Bumpy Booby](#) - Simple, responsive and highly customizable PHP bug tracking system. ([Source Code](#)) [MIT](#) [PHP](#)
- [django-todo](#) - django-todo is a pluggable, multi-user, multi-group, multi-list todo and ticketing system - a reusable app designed to be dropped into any existing Django project. ([Source Code](#)) [BSD-3-Clause](#) [Python/Django](#)
- [Erxes](#) - Marketing, sales, and customer service platform designed to help businesses attract more engaged customers. ([Demo](#), [Source Code](#)) [GPL-3.0](#) [Javascript](#)
- [Flyspray](#) - Uncomplicated, web-based bug tracking system. ([Source Code](#)) [GPL-2.0](#) [PHP](#)
- [FreeScout](#) - Open source clone of Help Scout: email-based customer support application, help desk and shared mailbox. [AGPL-3.0](#) [PHP](#)
- [Helpy](#) - Helpy is a modern, open source helpdesk customer support application. Features include knowledgebase, community discussions and support tickets integrated with email. ([Demo](#), [Source Code](#)) [MIT](#) [Ruby](#)
- [HuBoard](#) [△](#) - Instant project management for your GitHub issues (Connects directly GitHub API). [MIT](#) [Ruby](#)
- [MantisBT](#) - Self hosted bug tracker, fits best for software development. ([Demo](#), [Source Code](#)) [GPL-2.0](#) [PHP](#)
- [OpenSupports](#) - Multi language ticket system with FAQ, role management, metrics and canned response features. ([Demo](#), [Source Code](#)) [GPL-3.0](#) [PHP](#)
- [osTicket](#) - Manage, organize and archive all your support requests and responses in one place. ([Source Code](#)) [GPL-2.0](#) [PHP](#)
- [Request Tracker](#) - An enterprise-grade issue tracking system. ([Source Code](#)) [GPL-2.0](#) [Perl](#)

- [Sentry On-Premise](#) - A powerful error tracking platform with wide language support and a robust API. ([Source Code](#)) `BSD-3-Clause` `Python/Django`
- [SIT](#) - SCM-agnostic, file-based, offline-first, immutable issue tracker. ([Source Code](#)) `MIT` `Apache-2.0` `Rust`
- [TheBugGenie](#) - friendly project management and issue tracking tool, with extensive user rights system. ([Source Code](#)) `MPL-2.0` `PHP`
- [Zammad](#) - Easy to use but powerful open-source support and ticketing system. ([Source Code](#)) `AGPL-3.0` `Ruby`

## URL Shorteners

Before hosting one, please see [shortcomings](#) of URL shorteners.

- [gShort](#) - Privacy-friendly self-hosted URL shortener. ([Demo](#)) `GPL-3.0` `Go`
- [Kutt](#) - A modern URL shortener with support for custom domains. ([Source Code](#)) `MIT` `Nodejs`
- [Link](#) - A minimal, SQLite-backed URL shortener. ([Demo](#), [Source Code](#)) `GPL-3.0` `Go`
- [Link-shortener-bot](#) <sup>△</sup> - URL shortener using a Telegram Bot. ([Demo](#)) `MIT` `Ruby`
- [liteshort](#) - User-friendly, actually lightweight, and configurable URL shortener. ([Demo](#)) `MIT` `Python`
- [Lstu](#) - *Let's Shorten That Url* - Lightweight URL shortener. `WTFPL` `Perl`
- [Polr](#) - Modern, minimalist, modular, and lightweight URL shortener. ([Source Code](#)) `GPL-2.0` `PHP`
- [reduc.io](#) - URL shortener service written in Scala, using Akka-Http and Redis. `MIT` `Scala`
- [ReducePy](#) - URL shortener service using Tornado and Redis runs on Docker and Kubernetes. `MIT` `Python`
- [schort](#) - No login, no javascript, just short links. ([Demo](#)) `CC0-1.0` `Python`
- [Shlink](#) - URL shortener with REST API and command line interface. Includes official progressive web application and docker images. ([Source Code](#), [Clients](#)) `MIT` `PHP`
- [shorturl](#) - Simple URL shortener with very tiny URLs. ([Demo](#)) `MIT` `Go`
- [Simple-URL-Shortener](#) - KISS URL shortener, public or private (with account). Minimalist and lightweight. No dependencies. ([Demo](#)) `MIT` `PHP`
- [Simply Shorten](#) - A simple URL shortener that just shortens links. `MIT` `Java`
- [url-shortener](#) <sup>△</sup> - Shitty url shortener, emoji and AI powered. `MIT` `Nodejs`
- [YOURLS](#) - YOURLS is a set of PHP scripts that will allow you to run Your Own URL Shortener. Features include password protection, URL customization, bookmarklets,

statistics, API, plugins, jsonp. ([Source Code](#)) MIT PHP

# Awesome Selfhosted - Task Management & To-do Lists

## Task Management & To-do Lists

- [Focalboard](#) - An open source, self-hosted alternative to Trello, Notion, and Asana. It helps define, organize, track and manage work across individuals and teams. ([Source Code](#), [Clients](#)) `MIT/AGPL-3.0/Apache-2.0` `Nodejs/Go`
- [Kanbana](#) - Create boards to track users and projects from flat markdown files. Forked from Crepido. `MIT` `Nodejs`
- [Kanboard](#) - Simple and open source visual task board. ([Source Code](#)) `MIT` `PHP`
- [myTinyTodo](#) - Simple way to manage your todo list in AJAX style. Uses PHP, jQuery, SQLite/MySQL. GTD compliant. ([Demo](#), [Source Code](#)) `GPL-2.0` `PHP`
- [Nullboard](#) - Single-page minimalist kanban board; compact, highly readable and quick to use. `BSD-2-Clause` `Javascript`
- [tasks.php](#) - Simple task/todo list that uses a JSON text file for the tasks. `MIT` `PHP`
- [Planka](#) - Open source Trello alternative. ([Demo](#), [Source Code](#)) `MIT` `Nodejs`
- [Restyaboard](#) - Open source Trello-like kanban board. ([Demo](#), [Source Code](#)) `OSL-3.0` `PHP`
- [Task Keeper](#) - List editor for power users, backed by a self-hosted server. `Apache-2.0` `Scala`
- [TaskBoard](#) - Kanban-inspired app for keeping track of things that need to get done. ([Demo](#), [Source Code](#)) `MIT` `PHP`
- [Taskfreak](#) - Simple but efficient web based task manager written in PHP. `GPL-3.0` `PHP`
- [Tasks](#) - Simple tasks and notes manager written in PHP, jQuery and Bootstrap using a custom flat file database. `MPL-2.0` `PHP`
- [thewhitetulip Tasks](#) - Kanban based to-do list manager written in Go. `MIT` `Go`
- [Taskord](#) - Get things done socially with community of makers. ([Source Code](#)) `MIT` `PHP`
- [Taskwarrior](#) - Taskwarrior is Free and Open Source Software that manages your TODO list from your command line. It is flexible, fast, efficient, and unobtrusive. It does its job then gets out of your way. ([Source Code](#)) `MIT` `C++`



- [todo](#) - Simple todo list manager. ([Demo](#)) `MIT` `Go`
- [todoMini](#) - Mobile friendly zero-feature TODO list web app. Unix philosophy. ([Demo](#), [Source Code](#)) `GPL-3.0` `PHP/Java`
- [Tracks](#) - Web-based application to help you implement David Allen's [Getting Things Done™](#) methodology. ([Source Code](#)) `GPL-2.0` `Ruby`
- [Vikunja](#) - The to-do app to organize your life. ([Demo](#), [Source Code](#)) `GPL-3.0` `Go`
- [Wekan](#) - Open-source Trello-like kanban. ([Source Code](#)) `MIT` `Nodejs`

# Awesome Selfhosted - Software Development - Project Management

## Software Development - Project Management

See also: [awesome-sysadmin/Code Review](#)

- [Bonobo Git Server](#) - Set up your own self hosted git server on IIS for Windows. Manage users and have full control over your repositories with a nice user friendly graphical interface. ([Source Code](#)) MIT C#
- [Fossil](#) - Distributed version control system featuring wiki and bug tracker. BSD-2-Clause-FreeBSD C
- [Goodwork](#) - Self hosted project management and collaboration tool powered by Laravel & VueJS. ([Demo](#), [Source Code](#)) MIT PHP
- [Gitblit](#) - Pure Java stack for managing, viewing, and serving Git repositories. ([Source Code](#)) Apache-2.0 Java
- [gitbucket](#) - Easily installable GitHub clone powered by Scala. ([Source Code](#)) Apache-2.0 Scala/Java
- [Gitea](#) - Community managed fork of Gogs, lightweight code hosting solution. ([Demo](#), [Source Code](#)) MIT Go
- [GitLab](#) - Self Hosted Git repository management, code reviews, issue tracking, activity feeds and wikis. ([Demo](#), [Source Code](#)) MIT Ruby
- [Gitlist](#) - Web-based git repository browser - GitList allows you to browse repositories using your favorite browser, viewing files under different revisions, commit history and diffs. ([Source Code](#)) BSD-3-Clause PHP

- [Gitolite](#) - Gitolite allows you to setup git hosting on a central server, with fine-grained access control and many more powerful features. ([Source Code](#)) `GPL-2.0` `Perl`
- [GitPrep](#) - Portable Github clone. ([Demo](#), [Source Code](#)) `Artistic-2.0` `Perl`
- [Git WebUI](#) - Standalone web based user interface for git repositories. `Apache-2.0` `Python`
- [Gogs](#) - Painless self-hosted Git Service written in Go. ([Demo](#), [Source Code](#)) `MIT` `Go`
- [Kallithea](#) - Source code management system that supports two leading version control systems, Mercurial and Git, with a web interface. ([Source Code](#)) `GPL-3.0` `Python`
- [Klaus](#) - Simple, easy-to-set-up Git web viewer that Just Works. `ISC` `Python`
- [Lavagna](#) - Lavagna is an open-source issue/project management tool designed for small teams. Lightweight, pure Java, easy to install, easy to use. ([Source Code](#)) `GPL-3.0` `Java`
- [Lazylead](#)  - Eliminate the annoying work within ticketing systems (Jira, GitHub, Trello). Allows to automate daily actions like tickets fields verification, email notifications by JQL/GQL, meeting requests to your (or teammates) calendar. ([Source Code](#)) `MIT` `Ruby`
- [Leantime](#) - Leantime is a lean project management system for small teams and startups helping to manage projects from ideation through delivery. ([Source Code](#)) `GPL-2.0` `PHP`
- [Microgit](#) - Git hosting service made in Crystal and Lucky. `MIT` `Crystal`
- [Octobox](#)  - Take back control of your GitHub Notifications. ([Source Code](#)) `AGPL-3.0` `Ruby`
- [OpenProject](#) - OpenProject is a web-based project management system. ([Source Code](#)) `GPL-3.0` `Ruby`
- [Pagure](#) - A lightweight, powerful, and flexible git-centric forge with features laying the foundation for federated and decentralized development. ([Demo](#)) `GPL-2.0` `Python`
- [Phabricator](#) - Collection of web applications that help build better software. ([Demo](#), [Source Code](#)) `Apache-2.0` `PHP`
- [Phproject](#) - High performance full-featured project management system. ([Demo](#), [Source Code](#)) `GPL-3.0` `PHP`
- [ProjeQtOr](#) - A complete, mature, multi-user project management system with extensive functionality for all phases of a project. ([Demo](#), [Source Code](#)) `AGPL-3.0` `PHP`
- [Re:Backlogs](#) - Project management and collaboration tool powered by Ruby on Rails & VueJS. ([Demo](#)) `MIT` `Ruby`
- [Redmine](#) - Redmine is a flexible project management web application. ([Demo](#), [Source Code](#)) `GPL-2.0` `Ruby`
- [RhodeCode](#) - RhodeCode is an open source platform for software development teams. It unifies and simplifies repository management for Git, Subversion, and Mercurial. ([Source Code](#)) `AGPL-3.0` `Python`

- [SCM Manager](#) - The easiest way to share and manage your Git, Mercurial and Subversion repositories over http. ([Source Code](#)) [BSD-3-Clause](#) [Java](#)
- [Taiga](#) - Agile Project Management Tool based on the Kanban and Scrum methods. ([Source Code](#)) [AGPL-3.0](#) [Python](#)
- [Titra](#) - Time-tracking solution for freelancers and small teams. ([Demo](#), [Source Code](#)) [GPL-3.0](#) [Javascript](#)
- [Trac](#) - Trac is an enhanced wiki and issue tracking system for software development projects. [BSD-3-Clause](#) [Python](#)
- [Tuleap](#) - Tuleap is a libre suite to plan, track, code and collaborate on software projects. ([Source Code](#)) [GPL-2.0](#) [PHP](#)
- [UVDesk](#) - UVDesk community is a service oriented, event driven extensible opensource helpdesk system that can be used by your organization to provide efficient support to your clients effortlessly whichever way you imagine. ([Demo](#), [Source Code](#)) [MIT](#) [PHP](#)
- [ZenTao](#) - An agile(scrum) project management system/tool. ([Demo](#), [Source Code](#)) [ZPL-1.2](#) [PHP](#)

# Awesome Selfhosted - Photo and Video Galleries

## Photo and Video Galleries

- [Chevereto Free](#) - Powerful and fast image hosting script that allows you to create your very own full featured image hosting website in just minutes. ([Source Code](#)) `AGPL-3.0` `PHP`
- [Coppermine](#) - Multilingual photo gallery that integrates with various bulletin boards. Includes upload approval and password protected albums. ([Demo](#), [Source Code](#)) `GPL-3.0` `PHP`
- [Damselfly](#) - Server-based Digital Asset Management with workflow similar to Picasa. `GPL-3.0` `C#/.NET`
- [Fussel](#) - Fussel is a static photo gallery generator. Easily generate a reactive gallery and host the optimized static folder of assets. `MIT` `Python`
- [Gallery CSS](#) - Gallery.css is all CSS. Think: Simple, maintainable and understandable galleries without the use of Javascript. ([Source Code](#)) `MIT` `CSS`
- [HomeGallery](#) - Self-hosted open-source web gallery to browse personal photos and videos featuring tagging, mobile-friendly, and AI powered image discovery. ([Demo](#), [Source Code](#)) `MIT` `Nodejs`
- [ImageStore](#) - Self-hosted Google Photos alternative, with a very similar UI. ([Demo](#)) `Apache-2.0` `Nodejs/Docker`
- [LibrePhotos](#) - Self hosted wannabe Google Photos clone, with a slight focus on cool graphs. `MIT` `Python`
- [Lychee](#) - Open source grid and album based photo-management-system. ([Source Code](#)) `MIT` `PHP`
- [Mediagoblin](#) - Free software media publishing platform that anyone can run. You can think of it as a decentralized alternative to Flickr, YouTube, SoundCloud, etc. ([Source Code](#)) `AGPL-3.0` `Python`
- [Photato](#) - Self-hosted photo gallery, accessible through a responsive WebUI. Directly uses and indexes a specific folder in the filesystem. `AGPL-3.0` `Java`
- [PhotoLight](#) - The easiest photo gallery there is. `GPL-3.0` `PHP`

- [Photonix](#) - A new web-based photo management application with object recognition, location awareness, color analysis and other ML algorithms. ([Demo](#), [Source Code](#)) `AGPL-3.0` `Python`
- [PhotoPrism](#) - Personal photo management powered by Go and Google TensorFlow. Browse, organize, and share your personal photo collection, using the latest technologies to automatically tag and find pictures. ([Source Code](#)) `MIT` `Go`
- [Photoview](#) - A simple and user-friendly Photo Gallery for personal servers. It is made for photographers and aims to provide an easy and fast way to navigate directories, with thousands of high resolution photos. ([Demo](#), [Source Code](#)) `GPL-3.0` `Go`
- [Photo Stream](#) - Minimalist self-hosted photo stream. ([Demo](#)) `MIT` `Ruby`
- [PiGallery 2](#) - A directory-first photo gallery website, with a rich UI, optimised for running on low resource servers. ([Source Code](#)) `MIT` `Docker/Nodejs`
- [Piwigo](#) - Photo gallery software for the web, built by an active community of users and developers. ([Demo](#), [Source Code](#)) `GPL-2.0` `PHP`
- [Plumi](#) - Create your own sophisticated video-sharing site. ([Source Code](#)) `GPL-2.0` `Python`
- [Quru Image Server](#) - High performance dynamically resizing image server offering directory based access control cropping, rotation, color management and other tools. ([Demo](#), [Source Code](#)) `AGPL-3.0` `Python`
- [sigal](#) - Yet another simple static gallery generator. `MIT` `Python`
- [UberGallery](#) - UberGallery is an easy to use, simple to manage, web photo gallery. UberGallery does not require a database and supports JPEG, GIF and PNG file types. Simply upload your images and UberGallery will automatically generate thumbnails and output HTML. ([Source Code](#)) `MIT` `PHP`
- [Zenphoto](#) - Open-source gallery and CMS project. ([Source Code](#)) `GPL-2.0` `PHP`

# Awesome Selfhosted - Personal Dashboards

## Personal Dashboards

- [Baby Buddy](#) - Helps caregivers track baby sleep, feedings, diaper changes, and tummy time. ([Demo](#)) `BSD-2-Clause` `Python`
- [Dashboard](#) - Minimalist homepage for organizing your web applications and bookmarks using JSON-files. `MIT` `Nodejs/Docker`
- [DashMachine](#) - Another web application bookmark dashboard, with fun features. `GPL-3.0` `Python`
- [Dashy](#) - Feature-rich homepage for your homelab, with easy YAML configuration. ([Demo](#)) `MIT` `Nodejs/Docker`
- [Flame](#) - Flame is self-hosted startpage for your server. Easily manage your apps and bookmarks with built-in editors. `MIT` `Nodejs`
- [Habitica](#) - Habit tracker app which treats your goals like a Role Playing Game. Previously called HabitRPG. ([Source Code](#)) `GPL-3.0/CC-BY-NC-SA-3.0/CC-BY-SA-3.0` `Nodejs`
- [Heimdall](#) - Heimdall is an elegant solution to organise all your web applications. ([Source Code](#)) `MIT` `PHP`
- [Hiccup](#) - A beautiful static homepage to get to your links and services quickly. It has built-in search, editing, PWA support and localStorage caching to easily organize your start page. ([Source Code](#)) `MIT` `HTML5`
- [Homepage](#) - Simple, standalone, self-hosted PHP page that is your window to your server and the web. `MIT` `PHP`
- [Homer](#) - A dead simple static homepage to expose your server services, with an easy yaml configuration and connectivity check. `Apache-2.0` `HTML5`
- [Jmz HomeProxy](#) - A simple and clean dashboard for self hosted services. `GPL-3.0` `PHP`
- [Organizr](#) - Organizr aims to be your one stop shop for your Servers Frontend. `GPL-3.0` `PHP`
- [Personal management system](#) - Central point for managing personal data (billings, payments, job holidays, notes etc.). ([Demo](#)) `MIT` `PHP`

- [simple-dash](#) - A simple, fully responsive Dashboard to forward to the services of your choice. ([Demo](#)) `MIT` `Javascript`
- [Smashing](#) - Smashing, the spiritual successor to Dashing, is a Sinatra based framework that lets you build excellent dashboards. It looks especially great on TVs. ([Source Code](#)) `MIT` `Ruby`
- [wger](#) - Web-based personal workout, fitness and weight logger/tracker. It can also be used as a simple gym management utility and offers a full REST API as well. ([Demo](#), [Source Code](#)) `AGPL-3.0` `Python`
- [Your Spotify](#) `Δ` - Allows you to record your Spotify listening activity and have statistics about them served through a Web application. `MIT` `Nodejs/Docker`

# Awesome Selfhosted - Pastebins

## Pastebins

- [Obin](#) - Client side encrypted pastebin. ([Demo](#)) `WTFPL` `Python`
- [bepasty](#) - A pastebin for all kinds of files. ([Source Code](#)) `BSD-2-Clause` `Python`
- [bin](#) - a paste bin. `WTFPL/0BSD` `Rust`
- [cryptonote](#) - Simple open source web application that lets users encrypt and share messages that can only be read once. ([Source Code](#)) `MIT` `Ruby`
- [dogbin](#) - The sexiest pastebin and URL shortener ever. `MIT` `Kotlin`
- [dpaste](#) - simple pastebin with multiple text and code option, with short url result easy to remember. ([Source Code](#)) `MIT` `Docker`
- [EdPaste](#) - Self-hosted pastebin written in Laravel (PHP Framework). `MIT` `PHP`
- [ExBin](#) - A pastebin with public/private snippets and netcat server. ([Demo](#)) `MIT` `Elixir`
- [fiche](#) - Command line pastebin, all you need is netcat. ([Demo](#)) `MIT` `C`
- [filite](#) - A simple, light and standalone pastebin, URL shortener and file-sharing service. ([Demo](#)) `MIT` `Rust`
- [FlashPaper](#) - A one-time encrypted zero-knowledge password/secret sharing application focused on simplicity and security. No database or complicated set-up required. ([Demo](#)) `MIT` `PHP`
- [Fugacious](#) - Open source short-term secure messaging (OSSSM). ([Source Code](#)) `CC0-1.0` `Ruby`
- [Hastebin](#) - Open source pastebin. (This is a fork with extended maintenance). ([Demo](#), [Source Code](#)) `MIT` `Nodejs`
- [LogPaste](#) - Minimal pastebin web app that's easy to self-host and persists data to any S3-compatible backend. ([Demo](#)) `MIT` `Go`
- [mojopaste](#) - Perl based pastebin. ([Demo](#), [Source Code](#)) `Artistic-2.0` `Perl`
- [MokinToken](#) - Clientside encrypted pastebin using tweetnacl. `Unlicense` `PHP`

- [NoteHub](#) - Free and Hassle-free Pastebin for Markdown Pages. Simple, clean, password provided, generated-short link. [MIT](#) [Nodejs](#)
- [Paste](#) - Paste is forked from the original source pastebin.com used before it was bought. ([Source Code](#)) [GPL-3.0](#) [PHP](#)
- [prologic pastebin](#) - Simple pastebin service with convenient api and CLI. ([Demo](#)) [MIT](#) [Go](#)
- [mkaczanowski pastebin](#) - Simple, fast, feature-rich, standalone pastebin service. [MIT](#) [Rust](#)
- [pasty](#) - Pasty is a fast and lightweight code pasting server. ([Demo](#)) [MIT](#) [Go](#)
- [pb](#) - Lightweight pastebin (and url shortener) built using flask. [GPL-3.0](#) [Python](#)
- [PrivateBin](#) - PrivateBin is a minimalist, opensource online pastebin/discussion board where the server has zero knowledge of hosted data. ([Demo](#), [Source Code](#)) [Zlib](#) [PHP](#)
- [PurritoBin](#) - Ultra fast, minimalistic, encrypted command line paste-bin, where the server has no knowledge of the paste data. [ISC](#) [C++](#)
- [SharpPaste](#) - Cross-platform C# pastebin with client-side AES-256 encryption that just works. [MIT](#) [C#/NancyFX](#)
- [Snibox](#) - Code snippets manager with attractive tag-oriented interface. ([Demo](#), [Source Code](#)) [MIT](#) [Ruby](#)
- [snipt](#) - Long-term memory for coders. Share and store code snippets. [MIT](#) [Python](#)
- [SocksBin](#) - Simple and fast terminal based pastebin, with optional code highlighting. No specific client required, all you need is netcat. [GPL-3.0](#) [Python](#)
- [Spacebin](#) - Text-sharing for the final frontier — Reliable Pastebin server in Golang and Fiber. ([Demo](#), [Source Code](#)) [Apache-2.0](#) [Go](#)
- [Stikked](#) - Advanced and beautiful pastebin. ([Demo](#)) [GPL-3.0](#) [PHP](#)
- [Sup3rS3cretMes5age](#) - Very simple (to deploy and to use) secret message service using Hashicorp Vault as a secrets storage. [MIT](#) [Go](#)

# Icons for Self Hosted Dashboards

Here are a bunch of icons you can use for dashboards

[Download the lot as a zip](#) or right click and save as you need.

adguardhome adminer airsonic alarmpi alertmanager alltube amazon amd  
amyd ansible archivebox archiveteam warrior unknown argocd ariang artifactory umbraco  
authelia avmfritzbox awx azure azuredns bacula badge baikal bastillon beuno  
bazarr beats bithumen bitwarden booksonic bookstack boxseu boxpi cabot  
cadvisor calibreweb cardigann checkmk chevereto chowdown chronograf  
clarkson cloudcmd cockpit cockpitem code codeserver codimd concourse  
couchpotato cpanel cryptpad cyberchef deemix deluge directus docker  
dogspell dokuwiki demoticz dozzle drone drappy duplicacy duplicati ebay  
elastic elasticsearch element emby embystat esphome evebox  
facebook messenger facebook filebrowser filerun firefly firefoxsend flexget  
flood foldingathome freeipa freenas freepbx freshrss ghost gitea github  
gitlab glances gogs google-calendar google-keep google-mail googlemaps  
gotify grafana graylog graylog2 grommet guacamole handbrake haproxy hasura  
hdhomerun headphones healthchecks heimdall home-assistant  
homebridge homer hp habitat hugoboss hydra icedast icinga idrac ilo infoblox  
invidious invoiceinja jobroker irc-jackett jaeger jdownloader jeedom jellyfin  
jenkins jitsimeet joomla kanboard keila keycloak kibana kimai kitana kodi  
komga krusader kubernetes-dashboard kutt lazylibrarian leantime  
lemonldapng letencrypt librenms libphotos librspeed lidarr listmonk  
logstash loki longhorn lychee mailhog maisail mattermost mayaredms  
mcmadmin mealie mediawiki medusa meraki microsoft-todo mikrotik  
mineos miniflux minio molecule mongodbm monica monit motioneye mylar  
n8n nagios navidrome ncare nessus-netatmo netboot netbootyz netbox  
netdata nextcloud nginx nginxproxymanager nodered nowshowing nxfiler  
nzbget nzhydra octoprint ombi omnidb onlyoffice openhab openmptiler  
openmediavault openspeedtest opensprinkler openvpn openwrt opsense  
osticket overseer owncloud ownphotos pagerduty paleonetworks  
paperless-ng papermerge parkkeeper peertube pfsense pgadmin  
phantombot photoprism photostructure photo-view phpdapadmin  
phpmyadmin piaware pihole pingdom piwigo plausible pleroma plesk plex  
plexdrive plexrequests plume podify portainer portus postgres printer  
privatebin projectsend prometheus prowlarr proxmox prtgs psitransfer

pterodactyl not found or type unknown  
pyload not found or type unknown  
qbittorrent not found or type unknown  
gnap not found or type unknown  
rabbitmq not found or type unknown  
radarr not found or type unknown  
rainloop not found or type unknown  
rancher not found or type unknown  
raneto not found or type unknown  
rclone not found or type unknown  
readarr not found or type unknown  
recalbox not found or type unknown  
redis not found or type unknown  
requester not found or type unknown  
resilio sync not found or type unknown  
riot not found or type unknown  
rocket chat not found or type unknown  
rompya not found or type unknown  
rook not found or type unknown  
roundcube not found or type unknown  
router not found or type unknown  
rsync not found or type unknown  
studioserver not found or type unknown  
rundeck not found or type unknown  
runeaudio not found or type unknown  
rutorrent not found or type unknown  
sabnzbd not found or type unknown  
scrutiny not found or type unknown  
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searx not found or type unknown  
metasearchengine not found or type unknown  
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spotweb not found or type unknown  
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tuboquity not found or type unknown  
ultimate guitar not found or type unknown  
unifi not found or type unknown  
unraid not found or type unknown  
updog not found or type unknown  
urbackup not found or type unknown  
vault not found or type unknown  
virtualradarserver not found or type unknown  
vmware not found or type unknown  
vmware horizon not found or type unknown  
volumio not found or type unknown  
wallabag not found or type unknown  
wanikani not found or type unknown  
watcher not found or type unknown  
watchtower not found or type unknown  
webdav not found or type unknown  
webmin not found or type unknown  
webtools not found or type unknown  
wekan not found or type unknown  
wetty not found or type unknown  
wggenweb not found or type unknown  
wikis not found or type unknown  
wireguard not found or type unknown  
wordpress not found or type unknown  
xigmanas not found or type unknown  
xteve not found or type unknown  
xwiki not found or type unknown  
yacht not found or type unknown  
ynab not found or type unknown  
youtube not found or type unknown  
youtubedl not found or type unknown  
zabbix not found or type unknown  
zigbee2mqtt not found or type unknown  
znc not found or type unknown  
zoneminder not found or type unknown  
zulip not found or type unknown

# Homelab and Self Hosting Related Blogs



There's countless amounts of information on the web and it can be overwhelming. I've put together this curated list of Homelab related blogs from both beginners and more advanced topics.

[Noted](#) - My blog related to home lab and self hosting.

[mikeroyal/Self-Hosting-Guide](#) - Self-Hosting Guide. Learn all about locally hosting (on premises & private web servers) and managing software applications by yourself or your organization. Including WireGuard, Home Assistant, Homebridge, Jellyfin, Wi-Fi 6 (2.4 GHz and 5 GHz), and Wi-Fi 6E (6 GHz).

[Network Profile](#) - Usually blogs once a month or so about homelab and other random projects.

[Host-it!](#) - Newer blog about self hosting ventures

[Cyber Host](#) - Promoting an open-source, privacy-respecting and a decentralized internet. Exploring the avenue of self-hosted services which can be completed on a low-cost Raspberry Pi. Our goal is to make informative, easy to follow posts and guides. Keep It Simple, Stupid!

[Selfhosted Libhunt](#) - Keep track of what's trending on popular homelab and self hosted related subs, blogs and more.

Want to be featured here? We don't charge! If your blog is relevant, we will be happy to feature it on this page.

# Contact The Homelab Wiki

If you need to reach out for whatever reason, please send inquiries to the following email.

[thehomelabwiki@gmail.com](mailto:thehomelabwiki@gmail.com)

# The Homelab Wiki Forum is Online!

Hello everyone! Just wanted to let you know I have set up a forum for discussion or as a means to communicate with me directly. Feel free to [register here](#) and post topics.

The forum is no longer online but you can [find us on discord!](#)

# Self Hosted Application Reviews - Noted.lol

Check out noted.lol for [self hosted application reviews](#) and more!

Noted.lol is a website that reviews self-hosted applications. These are applications that you can install and run on your own server, rather than using a cloud-based service. The website was created to help people who are interested in self-hosting find and evaluate applications that can help them run their own websites, blogs, and other online services.

The website reviews a wide range of applications, including content management systems, email servers, file sharing software, and more. Each review includes a description of the application, its key features, and its pros and cons. The reviews also provide guidance on how to install and configure the application, as well as tips on how to get the most out of it.

One of the unique aspects of Noted.lol is its focus on open source software. Most of the applications reviewed on the website are open source, which means that the source code is freely available and can be modified and distributed by anyone. This makes it easier for users to customize and extend the applications to meet their specific needs.

Overall, Noted.lol is a valuable resource for anyone who is interested in self-hosting their online services. The website provides in-depth reviews and helpful guidance on a wide range of self-hosted applications, making it easier for users to find and evaluate the best tools for their needs.

# Join us on Discord!

Want to chat with like minded folks? Join us on our [Discord server](#) with over 1,100 others!