

How to: Open Source

Wie man Software frei veröffentlicht



oskardotglobal/presentations



Inhalt

- Was bedeutet Open-Source eigentlich?
- Was bringt uns das?

Als Maintainer:

- Softwarelizenzierung
- Git-Hoster
- GitHub: Issues
- GitHub: Pull Requests

Was bedeutet Open-Source?

■ Definition: Open-Source Software (I)
= Software, dessen Quellcode einsehbar ist

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| Definition: Source-available Software

| = Software, dessen Quellcode verfügbar ist

| Definition: Open-Source Software (II)

| = Software, dessen Quellcode frei zur Modifikation und Redistribution verfügbar ist

Open-Source und Freie Software

Definition: Freie und Quelloffene Software (FOSS)

- 1. Verwendung der Software für jeden Zweck
- 2. Lesen und Verändern des Quelltextes für eigene Zwecke
- 3. Freiheit, Kopien der Software zu verbreiten
- 4. Freiheit, modifizierte Kopien der Software zu verbreiten

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Keine Einschränkung der kommerziellen Nutzung oder des Verkaufs der Software!

Open-Source und Freie Software

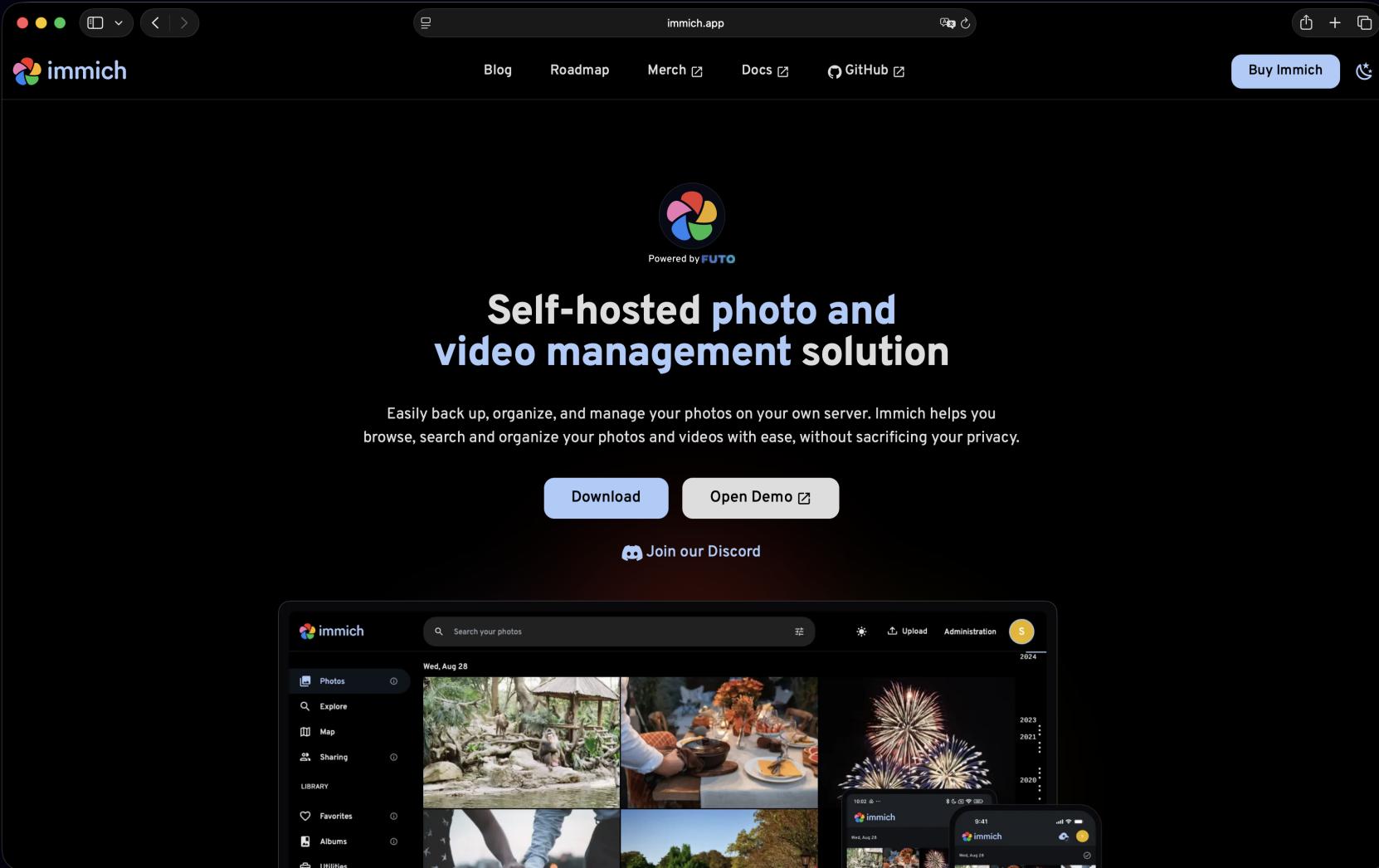
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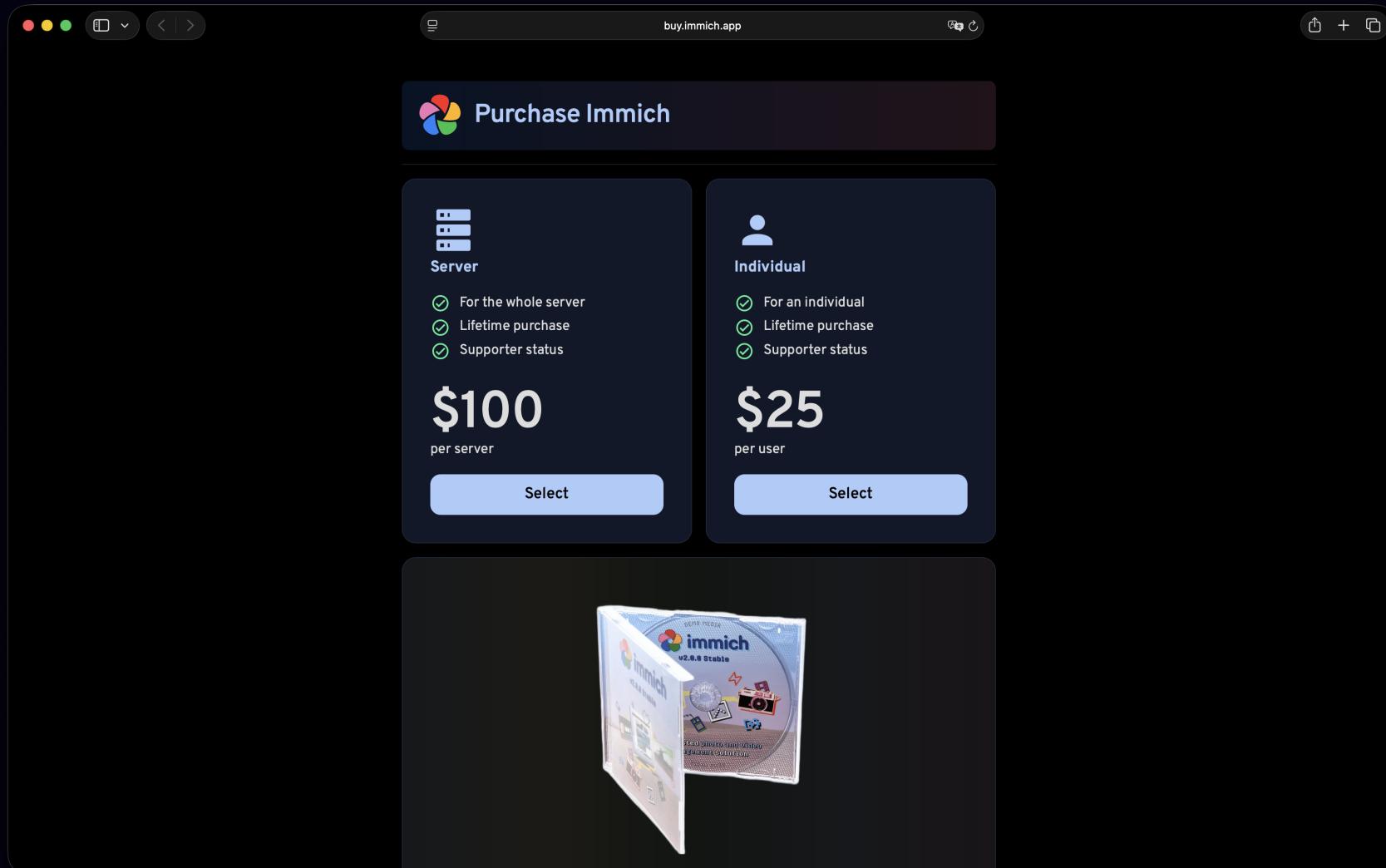
"Free as in freedom, not free as in beer"

Freie Software: Immich



The screenshot shows the Immich website homepage. At the top, there's a navigation bar with links to Blog, Roadmap, Merch, Docs, GitHub, a "Buy Immich" button, and a user icon. Below the navigation is the Immich logo and a "Powered by FUTO" badge. The main headline reads "Self-hosted photo and video management solution". A subtext explains the product's purpose: "Easily back up, organize, and manage your photos on your own server. Immich helps you browse, search and organize your photos and videos with ease, without sacrificing your privacy." Two prominent buttons are available: "Download" and "Open Demo". Below these buttons is a "Join our Discord" link with a Discord icon. At the bottom, there's a large preview of the Immich interface showing a sidebar with "Photos", "Explore", "Map", "Sharing", "LIBRARY", "Favorites", "Albums", and "Utilities" sections, and a main area displaying a grid of photos and a timeline.

Freie Software: Immich



Wieso freie Software?

"We can't compete with Apple, we can't compete with Google, directly, in the field of resources. What we can eventually do is head count and heart count. We can compete on the ground of ideology because ours is better."
-- Edward Snowden

Softwarelizenzierung

| Definition: Softwarelizenz
| = Dokument, welches Rechte und Pflichten der Nutzer gegenüber der Autoren einer Software beschreibt

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⚠ Warning

Ein (öffentliches) Projekt ohne Lizenz ist vielleicht quelloffen (je nach Definition), aber keine Freie Software!

choosealicense.com

Choose an open source license

An open source license protects contributors and users. Businesses and savvy developers won't touch a project without this protection.

{ Which of the following best describes your situation? }

 **I need to work in a community.**

Use the [license preferred by the community](#) you're contributing to or depending on. Your project will fit right in.

If you have a dependency that doesn't have a license, ask its maintainers to add a [license](#).

 **I want it simple and permissive.**

The [MIT License](#) is short and to the point. It lets people do almost anything they want with your project, like making and distributing closed source versions.

[Babel](#), [.NET](#), and [Rails](#) use the MIT License.

 **I care about sharing improvements.**

The [GNU GPLv3](#) also lets people do almost anything they want with your project, except distributing closed source versions.

[Ansible](#), [Bash](#), and [GIMP](#) use the GNU GPLv3.

{ What if none of these work for me? }

My project isn't software.

[There are licenses for that.](#)

I want more choices.

[More licenses are available.](#)

I don't want to choose a license.

[Here's what happens if you don't.](#)

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Softwarelizenzierung

The screenshot shows a web browser window with the URL eupl.eu in the address bar. The page content is about the European Union Public Licence (EUPL). It includes a navigation bar with links for different EU languages (BG, CS, DA, DE, EL, EN, ES, ET, FI, FR, HR, HU, IT, LT, LV, MT, NL, PL, PT, RO, SK, SL, SV) and version information (v1.2 and v1.1). The main content area starts with a section titled "What is the EUPL?". It defines EUPL as an acronym for "European Union Public Licence" and provides a brief history of its development, mentioning its first draft in 2005, validation in 2008, and finalization in 2009. It also notes the Commission's Implementing Decision (EU) 2017/863 updating the licence in 2017. A section titled "Why the EUPL?" discusses the purpose of the licence, mentioning the European Commission's software distribution and the need for a new legal instrument. A bulleted list of requirements for the licence is provided, including: "The Licence should have equal legal value in all EU languages; The terminology regarding intellectual property rights had to be conformant with European law requirements; To be valid in all Member States, limitations of liability or warranty had to be precise, and not formulated "to the extend allowed by the law" as in most licences designed with the legal environment of the United States in mind." The footer contains a small note about the EUPL being a standard for public sector software.

What is the EUPL?

EUPL is an acronym for "European Union Public Licence".

The first EUPL draft (v.0.1) went public in June 2005. A public debate was then organised by the European Commission (IDABC). The consultation of the developers and users community was very productive and has lead to many improvements of the draft licence; 10 out of 15 articles were modified. Based on the results of these modifications (a detailed report and the draft EUPL v.0.2), the European Commission elaborated a final version (v.1.0) that was officially approved on 9 January 2007, in three linguistic versions.

By a second Decision of 9 January 2008, the European Commission validated the EUPL in all the official languages of the European Union.

By a third Decision of 9 January 2009, the European Commission clarified specific points of the EUPL, publishing the version 1.1 in all the official languages of the European Union.

The Commission Implementing Decision (EU) 2017/863 of 18 May 2017 updating the open source software licence EUPL to further facilitate the sharing and reuse of software developed by public administrations (OJ 19/05/2017 L128 p. 59–64) published the version 1.2, with extended compatibility.

Why the EUPL?

The purpose of the European Commission is first of all to distribute its own software under the licence. Some applications developed in the framework of the IDABC programme, such as Circabc, or Eusurvey have already been licensed under the EUPL in 2007. Other European Institutions are also interested in using the new licence.

But why creating a new legal instrument from scratch when more than 100 other F/OSS licences exist, such as the GPL, the BSD or the OSL? The reason is that in a detailed legal study no existing licence was found to correspond to the requirements of the European Commission:

- The Licence should have equal legal value in all EU languages;
- The terminology regarding intellectual property rights had to be conformant with European law requirements;
- To be valid in all Member States, limitations of liability or warranty had to be precise, and not formulated "to the extend allowed by the law" as in most licences designed with the legal environment of the United States in mind.

Objectives

The main objective of the European Commission is to distribute its software under the same licence in all Member States.

Git-Hoster: GitLab

The screenshot shows a dark-themed GitLab interface for a project named 'winapps'. The top navigation bar displays the URL `gitlab.hpi.de/oskar/winapps`. The left sidebar contains a navigation menu with sections like Project, Manage, Code, Build, Secure, Deploy, Operate, Monitor, Analyze, and Settings. The main content area shows a list of files and their commit history. A prominent message at the top states: "Mirrored from <https://github.com/winapps-org/winapps>. Pull mirroring failed 1 minute ago. Last successful update 1 day ago." Below this, a merge pull request from `paidlowered/patch-2` is listed, authored by Oskar Manhart 1 week ago. The commit list table has columns for Name, Last commit, and Last update. The table includes entries for .github, apps, bin, docs, install, oem, packages, .gitattributes, .gitignore, .pre-commit-config.yaml, COPYRIGHT.md, LICENSE.md, README.md, compose.yaml, and default.nix. The commit details for each file are shown in the table rows. To the right of the commit table, there is a "Project information" section with details such as 827 commits, 23 branches, 0 tags, and 30.3 MiB of project storage. There are also links for README, GNU AGPLv3, Wiki, and integrations.

Name	Last commit	Last update
.github	Add guidelines on using AI (#792)	3 weeks ago
apps	Remove legacy copyright header	1 week ago
bin	winapps: Fix dprint called before APPD...	1 week ago
docs	Update docker.md	1 month ago
install	fix #719 + rename svg title	2 months ago
oem	Add .gitattributes + Fix encodings	1 month ago
packages	fix: update winapps-launcher	2 months ago
.gitattributes	Add .gitattributes + Fix encodings	1 month ago
.gitignore	remove '.DS_Store' files + update gitign...	3 months ago
.pre-commit-config.yaml	Update .pre-commit-config.yaml to exc...	1 month ago
COPYRIGHT.md	doc: run install.bat on libvirt	11 months ago
LICENSE.md	fix: move github files to .github	2 months ago
README.md	Update README.md	1 week ago
compose.yaml	Fix disk mapping example	3 months ago
default.nix	doc: run install.bat on libvirt	11 months ago

Project information

Run Windows apps such as Microsoft Office/Adobe in Linux (Ubuntu/Fedora) and GNOME/KDE as if they were a part of the native OS, including Nautilus integration. Hard fork of <https://github.com/Fmstrat/winapps/>

827 Commits
23 Branches
0 Tags
30.3 MiB Project Storage

[README](#)
[GNU AGPLv3](#)
[Wiki](#)
[+ Add Kubernetes cluster](#)
[+ Configure Integrations](#)

Created on
November 12, 2025

Git-Hoster: GitHub

The screenshot shows a GitHub repository page for the 'winapps' repository, which is a fork of <https://github.com/Fmstrat/winapps/>. The repository has 19 branches and 0 tags. The main branch is 'main'. The repository has 831 commits. The repository is public and has 372 forks, 12k stars, and 56 watchers.

Code | Issues 80 | Pull requests 4 | Discussions | Actions | Wiki | Security | Insights | Settings

winapps Public

main 19 Branches 0 Tags

Go to file Add file Code

oskardotglobal Merge pull request #820 from TheHeadlessTurtle/main 1b43dd0 · yesterday 831 Commits

.github Add guidelines on using AI (#792) 3 weeks ago

apps Corrected .chm mimetype yesterday

bin winapps: Fix dprint called before APPDATA_PATH created. 2 weeks ago

docs Update docker.md 2 months ago

install fix #719 + rename svg title 2 months ago

oem Add .gitattributes + Fix encodings 2 months ago

packages fix: update winapps-launcher 2 months ago

.gitattributes Add .gitattributes + Fix encodings 2 months ago

.gitignore remove '.DS_Store' files + update gitignore 4 months ago

.pre-commit-config.yaml Update .pre-commit-config.yaml to exclude Windows file... 2 months ago

COPYRIGHT.md doc: run install.bat on libvirt 11 months ago

LICENSE.md fix: move github files to .github 2 months ago

README.md Update README.md 2 weeks ago

compose.yaml Fix disk mapping example 4 months ago

default.nix doc: run install.bat on libvirt 11 months ago

flake.lock feat: use garnix 4 months ago

flake.nix fix(nix): correct build failure 4 months ago

setup.sh setup.sh: don't preserve permissions for application assets 3 weeks ago

About

Run Windows apps such as Microsoft Office/Adobe in Linux (Ubuntu/Fedora) and GNOME/KDE as if they were a part of the native OS, including Nautilus integration. Hard fork of <https://github.com/Fmstrat/winapps/>

windows linux docker integration
kde gnome nautilus qemu xfce
wine libvirt freerdp linux-app
cassowary hacktoberfest qemu-kvm
seamless podman nix-flake
winapps

Readme View license Code of conduct Contributing Activity Custom properties 12k stars 56 watching 372 forks Report repository

Releases No releases published Create a new release

Contributors 73

GitHub: Issues

The screenshot shows the GitHub Issues page for the repository `winapps-org/winapps`. The page is in dark mode. The navigation bar at the top includes links for Code, Issues (80), Pull requests (4), Discussions, Actions, Wiki, Security, Insights, and Settings. A search bar is located at the top right. Below the navigation, there are three summary cards:

- [Workaround found][Upstream issue] Windows 11 + Podman : RDP seems to not work due to missing permission for podman. (#251 · AkechiShiro opened on Sep 11, 2024)
- Need to connect to VM via Remmina first. (#114 · robotictacos opened on Jun 7, 2024)
- Wayland implementation. (#779 · oskardotglobal opened on Oct 5)

Below these cards is a search bar with the query `is:issue state:open`. Underneath the search bar is a filter bar with options for Open (80) and Closed (307), and dropdowns for Author, Labels, Projects, Milestones, Assignees, Types, and sorting by Newest.

The main list of issues is displayed below, showing 15 open issues:

- Desktop Entries Not Launching Apps (triage)
- Incorrect tsclient path mapping with custom /drive: configuration
- Disable Windows Snapping feature (good first issue windows)
- Wayland implementation (priority: high)
- WinApps fails silently (Bug)
- Dependency Issues (triage)
- Feature Request: Support Multiple Windows VMs
- NixOS: Desktop files contain store path (Bug)
- Group check uses incorrect group (NixOS) (Bug)
- Is it possible to mount home folder as read-only?

GitHub: Issues

The screenshot shows a GitHub Issues page for a repository named "winapps". The URL is github.com/winapps-org/winapps/issues/635. The page title is "Official app definition requests #635".

The issue is currently labeled as "Open" and has a status of "Task".

The issue body contains a message from user `eugenialoli` (opened on Aug 11) asking for support for several applications:

- The Affinity Suite
- Ableton Live
- FL Studio
- DaVinci Resolve (the Linux native version doesn't run well on all distros)
- Sketchbook Pro
- Paint.NET

Below the list, there is a message from `Thx!`

Below the issue body, there is a comment from `oskardotglobal` (Hidden as resolved, on Aug 11). The comment was added with the label `good first issue`.

Another comment from `crse` (on Aug 12) suggests adding Clip Studio Paint to the list.

A final comment from `oskardotglobal` (changed the title on Aug 12) updates the title of the issue.

The right sidebar contains settings for the issue, including:

- Assignees: No one - [Assign yourself](#)
- Labels: `good first issue`
- Type: `Task`
- Projects: No projects
- Milestone: No milestone
- Relationships: None yet
- Development: `Code with agent mode`
- Notifications: [Create a branch](#) for this issue or link a pull request. [Customize](#)
- Participants: [Unsubscribe](#)

You're receiving notifications because you're subscribed to this thread.

GitHub: Pull Requests

The screenshot shows a GitHub pull request page for pull/820 in the winapps-org/winapps repository. The title of the pull request is "Added ChemDraw Prime #820". It has been merged by oskardotglobal 4 days ago, merging 3 commits from TheHeadlessTurtle:main into winapps-org:main. The pull request has 2 conversations, 3 commits, 6 checks, and 2 files changed.

Conversation:

- TheHeadlessTurtle** commented 5 days ago:

I used the latest version of ChemDraw for this, which is ChemDraw Prime 25.0.2. I could not test other parts of the ChemDraw suite as my license would not let me activate those for some reason, even though I've previously activated other parts of the suite without problems (this almost certainly has nothing to do with WinApps or the Windows VM).
I apologize if I've done anything wrong here, this is the first time I'm using GitHub for anything other than downloading software.
- TheHeadlessTurtle** and others added 2 commits last week
 - Added ChemDraw Prime** ... Verified d511e0c
 - [pre-commit.ci] auto fixes from pre-commit.com hooks ... 070ffe3
- oskardotglobal** reviewed 4 days ago
 - View reviewed changes**
 - apps/ChemDraw/info Outdated
 - 11 + CATEGORIES="WinApps;Science"
 - 12 +
 - 13 + # GNOME mimetypes; file types: .cdxml .cdx .chm
 - 14 + MIME_TYPES="chemical/x-cdx;application/vnd.chemdraw+xml;application/vnd.ms-htmlhelp;"
 - oskardotglobal** 4 days ago
Is the help intended at the end here?

Reviewers: oskardotglobal (✓)

Assignees: No one—assign yourself

Labels: None yet

Projects: None yet

Milestone: No milestone

Development: Successfully merging this pull request may close these issues.
None yet

Notifications: Customize
Unsubscribe
You're receiving notifications because you are watching pull requests on this repository.

Participants: 2 participants (TheHeadlessTurtle, oskardotglobal)

GitHub: Pull Requests

The screenshot shows a GitHub pull request page for a repository named `winapps-org/winapps`. The pull request has been merged by `oskardotglobal` into the `winapps-org:main` branch from the `TheHeadlessTurtle:main` branch 4 days ago. The pull request has 2 conversations, 3 commits, 6 checks, and 2 files changed. The files changed are `apps/ChemDraw/icon.svg` and `apps/ChemDraw/info`. The `info` file contains the following configuration code:

```
@@ -0,0 +1,14 @@
1 + # GNOME shortcut name
2 + NAME="ChemDraw"
3 +
4 + # Used for descriptions and window class
5 + FULL_NAME="ChemDraw Prime"
6 +
7 + # The executable inside windows
8 + WIN_EXECUTABLE="C:\Program Files\RevilitySignalsSoftware\ChemDrawApplications_x64\ChemDraw.exe"
9 +
10 + # GNOME categories
11 + CATEGORIES="WinApps;Science"
12 +
13 + # GNOME mimetypes; file types: .cdxml .cdx .chm
14 + MIME_TYPES="chemical/x-cdxml;application/vnd.chemdraw+xml;chemical/x-chemdraw;"
```

A modal window titled "Finish your comments" is open, prompting the user to "Leave a comment". The modal includes a rich text editor toolbar with buttons for bold, italic, underline, and other formatting options. A "Submit comments" button is visible at the bottom right of the modal.



hpi25/git-it

