

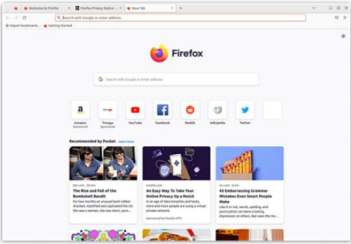
How to make a delightful app listing

Cassidy Blaede

Endless OS Foundation, GNOME Design

Firefox

Firefox
Mozilla
★★★★★ (20)
Open
Flathub



Fast, Private & Safe Web Browser

When it comes to your life online, you have a choice: accept the factory settings or put your privacy first. When you choose Firefox as your default browser, you're choosing to protect your data while supporting an independent tech company. Firefox is also the only major browser backed by a non-profit fighting to give you more openness, transparency and control of your life online. Join hundreds of millions of people who choose to protect what's

Show More

1.4 GB Installed Size Includes 7.1 kB of data and 1.1 GB of cache	Unsafe Uses a legacy windowing system	Desktop Only Works on desktops and laptops	EC Age Rating Contains no age-inappropriate content
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Version 106.0.3 3 days ago
No details for this release

Community Built

This software is developed in the open by a community of volunteers, and released under the [MPL-2.0 license](#).

You can contribute and help make it even better.

Get Involved

- Project Website**
<https://www.mozilla.org/firefox/>
- Donate**
<https://donate.mozilla.org/>
- Contribute Translations**
https://wiki.mozilla.org/L10n/Starting_a_localization
- Report an Issue**
<https://bugzilla.mozilla.org/>
- Help**
<https://support.mozilla.org/>

PaintApp by PaintApp Developers

PaintApp is a simple GTK3 raster image program for GNU/Linux written in Python3 using GNOME technologies and making use of GActions. It supports Xorg and Wayland.

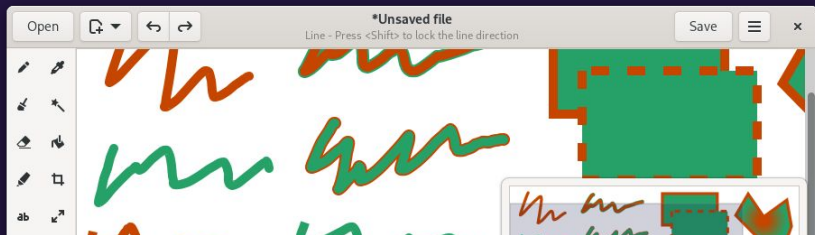


Drawing by Romain F. T.



Edit screenshots or memes

Resize, crop, or rotate an image, apply simple filters, insert or censor text, and much more.



Draw with the pencil, straight lines, curve tool, or several shapes and brushes with tons of options.



Cassidy James Blaede

**Partner Success Engineer,
Endless OS Foundation**

GNOME Foundation member

Previously: elementary,
System76

Passion:

Building useful, usable,
delightful products that
respect privacy

Experience:

10+ years in open source
ecosystem development

- 1. Who is this talk for?**
- 2. ██████████ is not a bad word**
- 3. FreeDesktop AppStream MetalInfo**
- 4. Providing quality MetalInfo**

1. **Who is this talk for?**

Who is this talk for?

App developers

Ecosystem people

Potential contributors

2.

is not a bad word

2.

Marketing

is not a bad word

**Marketing
is a requirement
for open source**

Apple App Store

iOS, iPad OS, macOS, tvOS, watchOS

apple.com/app-store/developing-for-the-app-store

“We can even help with marketing—both on and off the App Store.”

“The App Store has a **global marketing team** whose sole purpose is to drive discovery and engagement. Campaigns and programs are created to assist, inform, and inspire our users while also **helping our developers drive downloads** and redownloads of their apps and games.”

**Always think from a
marketing perspective**

2.

**Marketing
is not a bad word**

3.

**FreeDesktop AppStream
MetalInfo**

**FreeDesktop AppStream
MetalInfo**

FreeDesktop

freedesktop.org hosts the development of free and open source software, focused on interoperability and shared technology for open-source graphical and desktop systems. We do not ourselves produce a desktop, but we aim to help others to do so.

Our loose community of projects mostly produce software and/or specifications.

Software projects

Most of our member projects produce software to be used as libraries or services. A full list is available at our software page.

Much of the software we host is focused on drivers and middleware for graphics and media devices, inter-process communication and authorization, input and internationalization.

All the software on freedesktop.org is available as open source and open to community contribution. The software page explains how to report bugs and propose changes to each of these projects.

Specifications

We also host discussion and development of specifications for interoperability. A full list is available at our specifications page.

These specifications mostly cover low-level desktop issues, such as identifying file types, launching applications, and exchanging data between applications and desktops. They are often called 'XDG' specifications, as an acronym for the Cross-Desktop Group.

freedesktop.org is not a formal standards body, and is not in itself a platform; we do not have a compliance test nor a certification. Anyone is free to use and implement the specifications on this site; the specifications page explains how to propose changes and existing specifications, or entirely new specifications.

...

freedesktop.org

FreeDesktop:
Software & specs to
make open source
desktops & ecosystems
interoperable

**FreeDesktop AppStream
MetalInfo**

AppStream

AppStream is a cross-distro effort for enhancing the metadata available about software components in the Linux and free-software ecosystem. One of the project's goals is to make building software-center applications possible, and make interaction with the package sources of a distribution smarter. AppStream provides specifications for meta-information which is shipped by upstream projects and can be consumed by other software. The meta-information includes data which is interesting to display in software centers and is mainly useful for end-users, as well as descriptions about the public interfaces a software component provides, which is mainly useful for developers, 3rd-party software installers and for automatically installing missing components on a distribution, for example missing firmware or mimetype-handlers.

Distributors provide metadata as well, which describes all components available in a software repository. That data is composed of the upstream-metainfo and some other sources. AppStream also provides specifications for things like a screenshot-service, application ratings & reviews etc.

All parts of AppStream are distribution-agnostic, and therefore it is easily possible to build software management tools with it that work on any distribution implementing the AppStream specification.

freedesktop.org/software/appstream/docs

AppStream: **Software and specs to present and describe apps**

FreeDesktop AppStream MetalInfo

MetaInfo:

**<Specification for
describing apps />**

FreeDesktop AppStream MetalInfo

MetaInfo Example

Name

Developer Name

Short Summary

Long Description

Release Notes

Screenshots

Content Rating

Relevant URLs

Branding

Binary Name

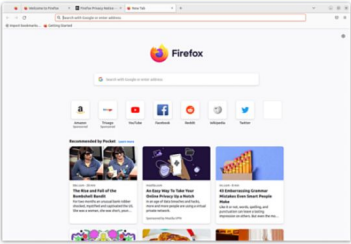
App ID

License

```
<?xml version="1.0" encoding="UTF-8"?>
<component type="desktop">
  <id>com.github.cassidyjames.dippi</id>
  <project_license>GPL-3.0-or-later</project_license>
  <name>Dippi</name>
  <developer_name>Cassidy James Blaede</developer_name>
  <summary>Calculate display info like DPI and aspect ratio</summary>
  <description>
    <p>Analyze any display. Input a few simple details and figure out the aspect ratio, DPI, and other details of a particular display.</p>
    ...
  </description>
  <provides>
    <binary>com.github.cassidyjames.dippi</binary>
  </provides>
  <releases>
    <release version="4.0.2" date="2022-09-28">
      <description>
        <p>Hotfix: fix About window when closing and re-opening</p>
      </description>
    </release>
  </releases>
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    </screenshot>
  </screenshots>
  <content_rating type="oars-1.1"></content_rating>
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  <url type="bugtracker">https://github.com/cassidyjames/dippi/issues</url>
  <url type="donation">https://cassidyjames.com/pay</url>
  <url type="help">https://cassidyjames.com/support</url>
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    <color type="primary">#613583</color>
  </branding>
</component>
```

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Mozilla
★★★★★ (20)
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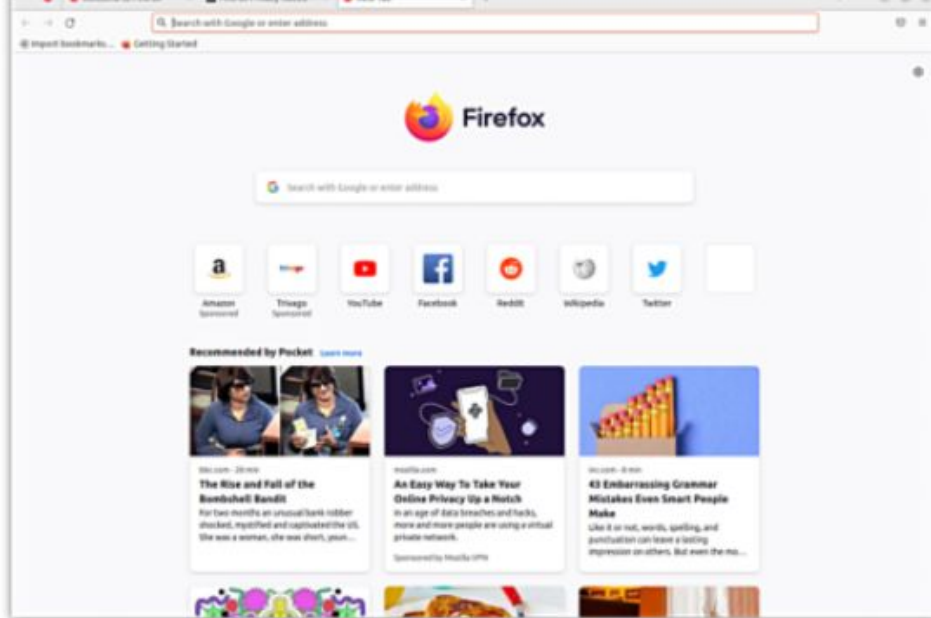
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3.

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MetalInfo**

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Release Notes	4.0.2: Fix About window when closing and...
Screenshots	The app in use!
Content Rating	Open Age Rating Service (OARS)
Relevant URLs	Homepage, issue tracker, support, donate
Branding	Icon, colors
License	GPL 3 or later

Dippi Description Example

Analyze any display. Input a few simple details and figure out the aspect ratio, DPI, and other details of a particular display. Great for deciding which laptop or external monitor to purchase, and if it would be considered HiDPI.

Handy features:

- Find out if a display is a good choice based on its size and resolution
- Get advice about different densities
- Learn the logical resolution
- Differentiate between laptops and desktop displays
- Stupid simple: all in a cute li'l window

Based my expertise and experience shipping HiDPI hardware and software at System76 and elementary.

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Icon Design

Use your target platform's guidelines!

- GNOME
- KDE
- elementary

If the platform doesn't have guidelines, use GNOME's

developer.gnome.org/hig/guidelines/app-icons

Brand Color

Use your app's color palette!

Compliment the icon

When in doubt: talk to a designer



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★★★★★ (20)

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Flathub ▾





Workbench

Learn and prototype with GNOME technologies

Workbench goal is to let you experiment with GNOME technologies, no matter if tinkering for the first time or building and testing a GTK user interface.

Among other things, Workbench comes with

- realtime GTK/CSS preview
- library of examples
- 1000+ icons
- JavaScript and Vala support
- XML and Blueprint for describing user interface
- syntax highlighting, undo/redo, autosave, session restore
- code formatter
- console logs

Get involved



Get the app

Install the latest version from Flathub.



Give feedback

Contribute your ideas or report issues on the apps issue tracker.



Help translating

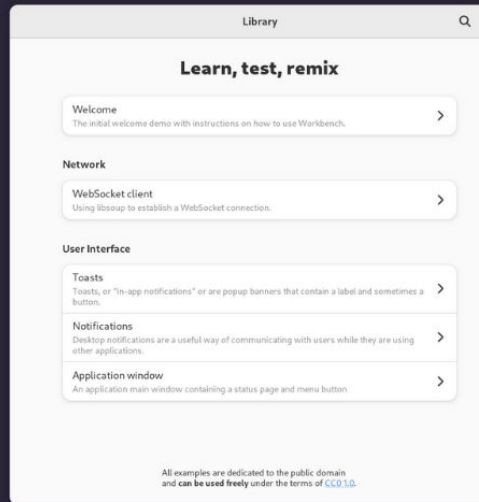
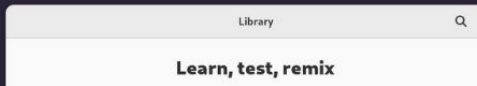
Help translate this app into your language.



Donate money

Learn how you can donate to the developers of this project.

Explore the interface



Get to know us



MAINTAINER

Sonny Piers

@sonnyp

@sonnypiers

Website

More Information



Project homepage

Visit the dedicated homepage for this project.



Newest Release

Latest version 43.0 released on September 21, 2022.

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Nostalgia is safe



No Permissions

App is fully sandboxed



No Network Access

Cannot access the internet



No Device Access

Cannot access devices such as webcams or gaming controllers



No File System Access

Cannot access the file system at all



Auditable Code

The source code is public and can be independently audited, which makes the app more likely to be safe

Details

License

GPL-3.0-or-later

[www.freedesktop.org](http://www.freedesktop.org/software/appstream/docs)
[/software/appstream/docs](http://www.freedesktop.org/software/appstream/docs)



[/software/appstream/metadata-creator](http://www.freedesktop.org/software/appstream/metadata-creator)

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