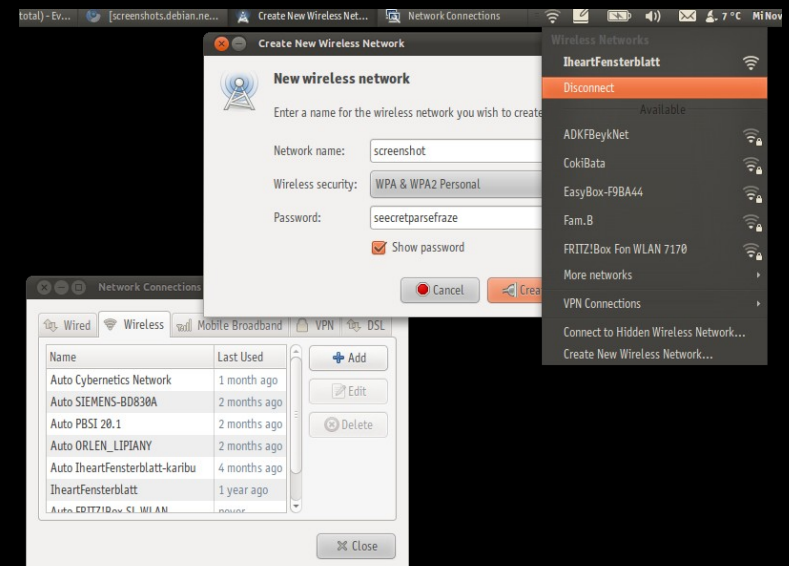# Flatpak vs. Snap

李彬 (Bin Li)
GNOME.Asia Summit 2018

Me

- Canonical

    PC,Laptop,Phone

- SUSE

    NetworkManager

- 北京 GNOME 用户组

    http://www.bjgug.org/

- GNOME.Asia 组委会成员

Why we need them?

- Package for different distributions
- Dependency
- Security   (sandbox)

snap vs. flatpak

- Canonical
- Snappy
- Unity

  Ubuntu Phone

- Alexander Larsson (RedHat)
- xdg-app
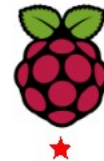- GNOME

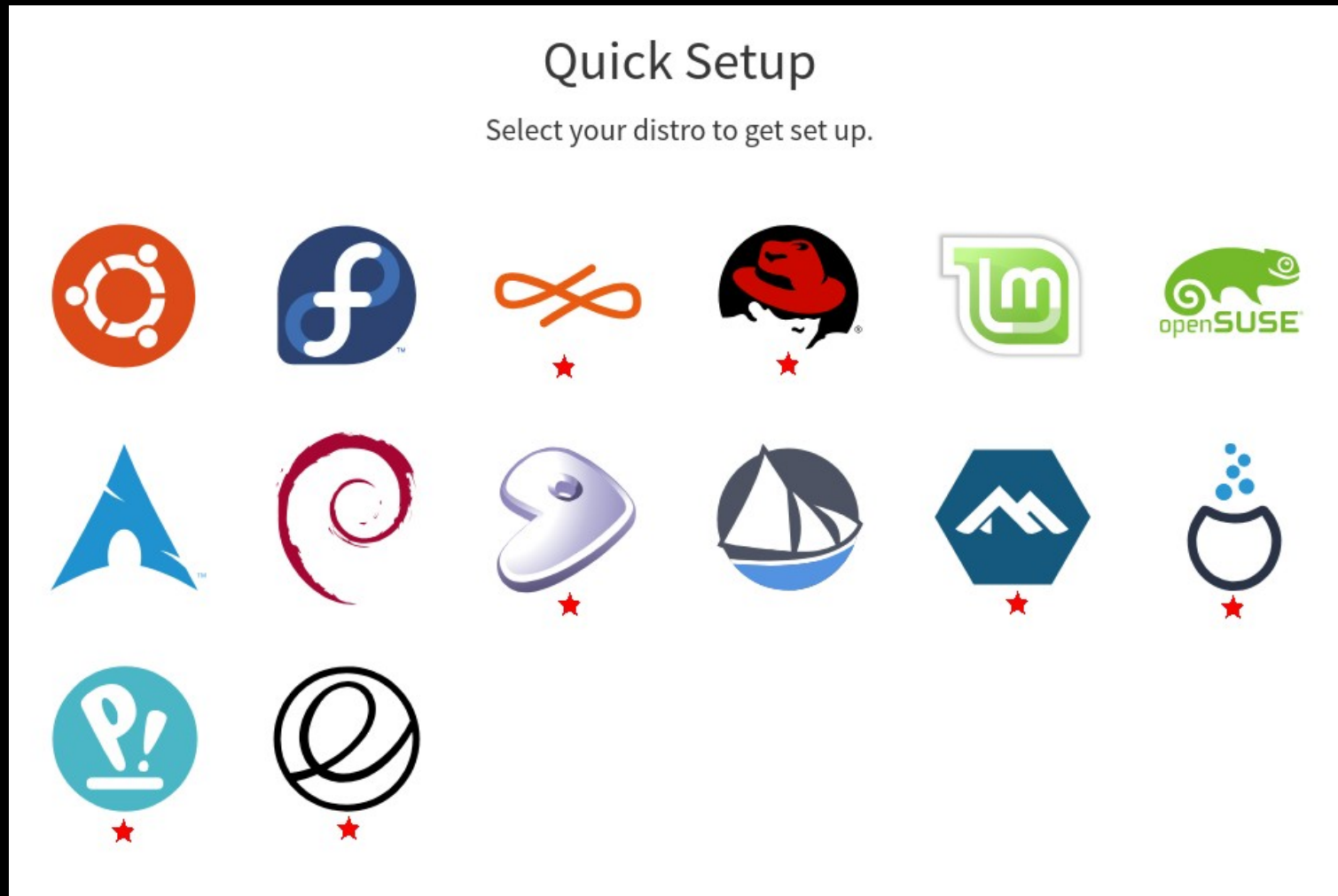# Snap with GNOME

Support distro(Snap)

GNOME

Installable across Linux distributions

Snaps are available for any Linux OS running snapd, the service that runs and manages snaps.

Enable snaps on your OS

https://snapcraft.io/

Support distro(Flatpak)

https://flatpak.org/setup/

Store (Snap)

GNOME

2434 results

The Snap Store

The Snap Store is enabled by default on tens of millions of Linux systems. It allows developers to release free or paid apps for multiple architectures, on multiple release channels from daily builds to stable releases.

Featured snaps

VLC	Opera	Skype	Spotify
Slack	Discord	Telegram Desktop	hiri
powershell	Minecraft	Android Studio	Zenkit
Bitwarden	Tusk	IDEA Community	Nextcloud
Simplenote	ONLYOFFICE DesktopEditors	wavebox	Xonotic

https://snapcraft.io/store

Store (Flatpak)

348 results

Apps for Linux, right here

Welcome to Flathub, the home of hundreds of apps which can be easily installed on any Linux distribution. Browse the apps online, from your app center or the command line.

[Quick setup] [Browse the apps]

Popular Apps
[See more]

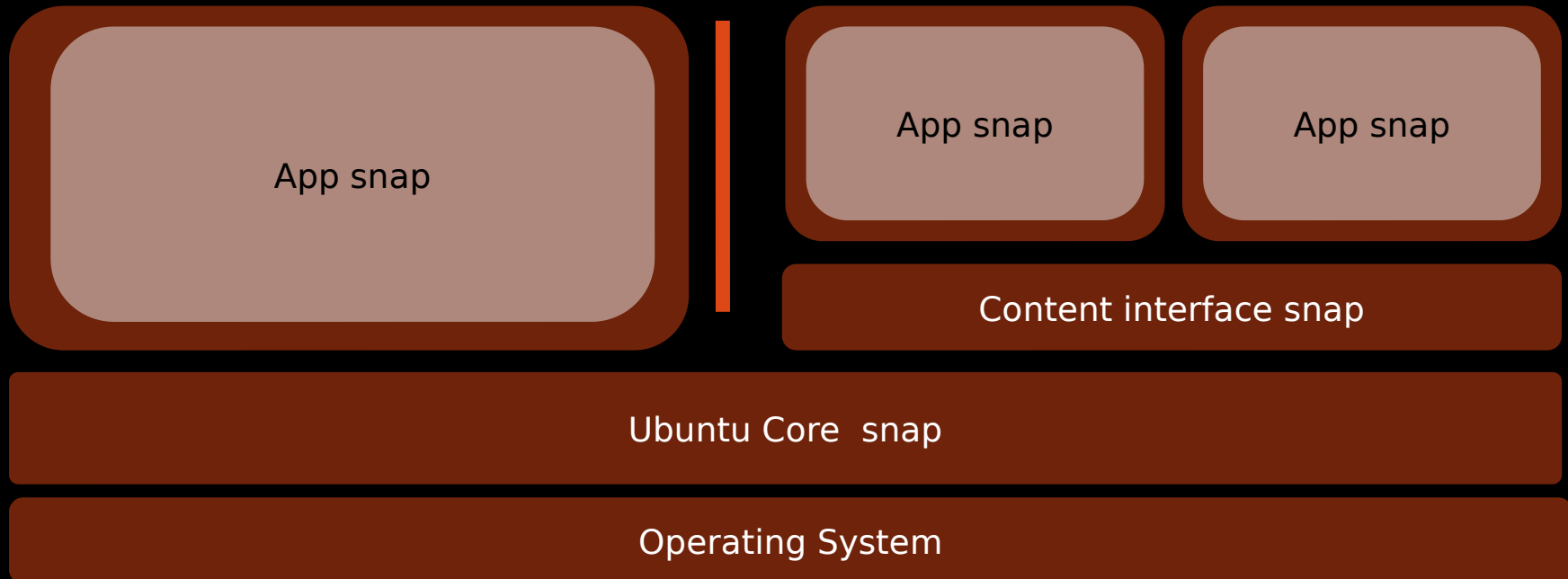|					
GNU Image Manipulation Pr... Create images and edit photogra...	**GNU Octave** Interactive programming environ...	**Spotify** Online music streaming service	**Steam** Manage and play games distribut...	**Visual Studio Code** Visual Studio Code. Code editing...	**VLC** VLC media player, the open-sour...

New & Updated Apps
[See more]

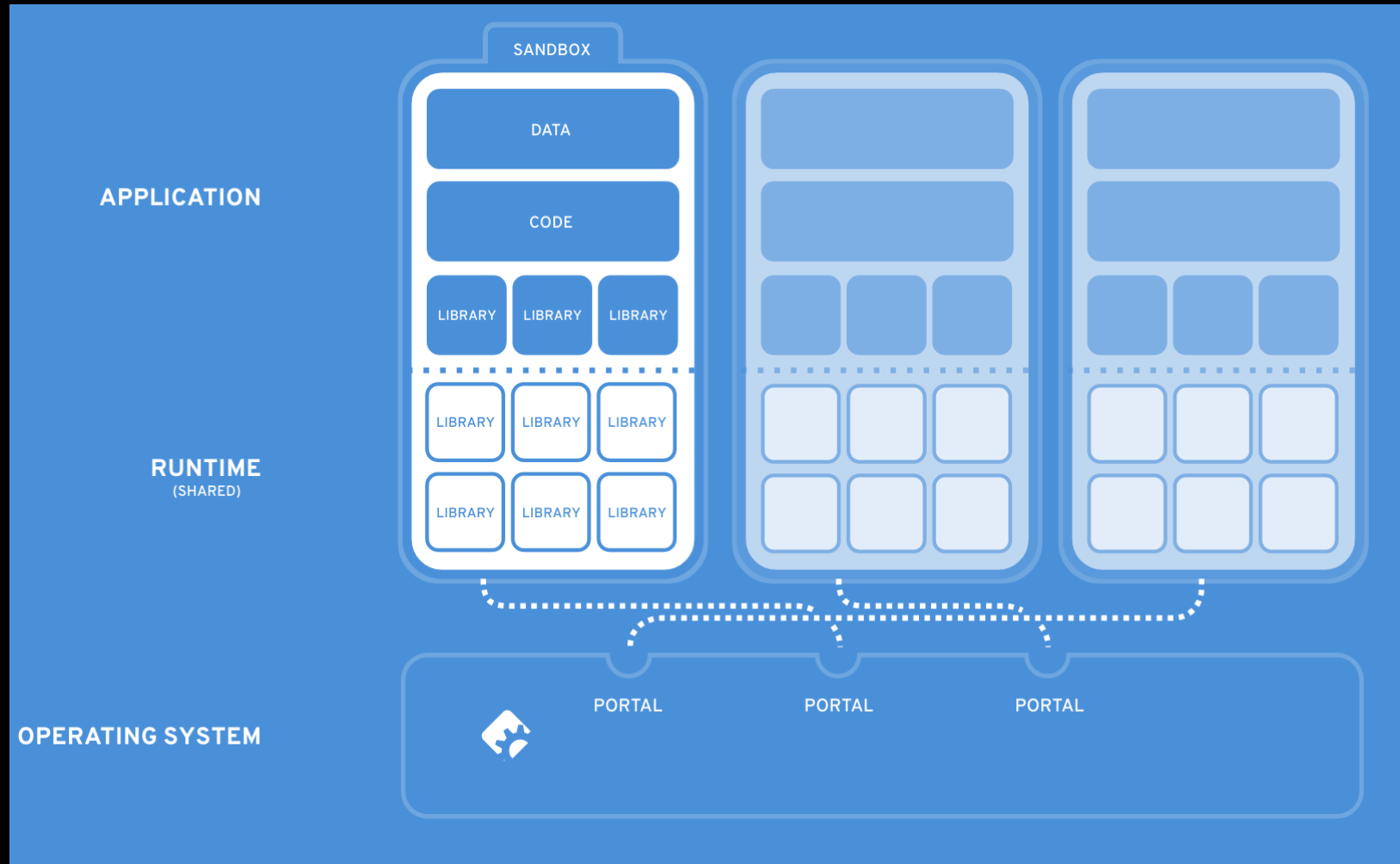|					
Pencil2D	**Image Optimizer**	**noson**	**Signal**	**Android Studio**	**AbiWord**

https://flathub.org/apps

Commands (S vs. F)

- snap list

- snap find calculator

-

- snap install gnome-calculator

- snap refresh gnome-calculator

- Snap remove gnome-calculator

- flatpak list

- flatpak search calculator

- flatpak remote-add flathub https://flathub.org/repo/flathub.flatpakrepo

- flatpak install flathub org.gnome.Calculator

- flatpak update org.gnome.Calculator

- flatpak remove org.gnome.Calculator

Snap

GNOME

App snap

App snap

App snap

Content interface snap

Ubuntu Core snap

Operating System

Flatpak

Build a package

Thank you!

Bin Li

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