

Snapcraft

Snappy????????????????????Canonical????Ubuntu????????????????????snap????????s
napd????????Linux????????????????????????????

- [Install Snapcraft](#)
- [Build from a Jar App](#)

Install Snapcraft

Mint 19.3

```
sudo snap install snapcraft --classic
```

Build from a Jar App

????

```
.
├─ app
│   └─ cc_wallet
│       └─ CloudCoin.D.4.0.0.jar
│   └─ CloudCoinWallet.sh
├─ dark.png
└─ snap
    └─ gui
        ├── cc_dark.png
        └─ cloudcoin-wallet.dark.desktop
    └─ snapcraft.yaml
```

snapcraft.yaml

```
name: cloudcoin-wallet
version: "4.0.0"
summary: CloudCoin Wallet(Dark) Desktop Application
base: core18
description: |
    CloudCoin is a digital currency. That cannot be counterfeited, controlled, tracked or stolen.
    CloudCoins cannot be double-spent, mined or lost.
    It is 100% private and requires no public ledgers, accounts, or encryption.
    CloudCoin is a completely fair and ethical monetary system.

    Learn more about CloudCoin on
    https://cloudcoin.global
confinement: devmode
grade: devel

environment:
  APP_VER: "4.0.0"
  LC_ALL: "C.UTF-8"
  JAVA_HOME: "$SNAP/usr/lib/jvm/java-11-openjdk-amd64"
```

```
PATH: "$JAVA_HOME/bin:$PATH"
XDG_DATA_HOME: "$SNAP/usr/share"
FONTCONFIG_PATH: "$SNAP/etc/fonts/config.d"
FONTCONFIG_FILE: "$SNAP/etc/fonts/fonts.conf"
```

apps:

```
cloudcoin-wallet:
  command: bin/CloudCoinWallet.sh
```

plugs:

```
unity7:
network:
home:
x11:
wayland:
desktop:
desktop-legacy:
```

parts:

```
cloudcoin-wallet:
  source: app/
  plugin: dump
  organize:
    CloudCoinWallet.sh: bin/CloudCoinWallet.sh
  build-packages:
    - openjdk-11-jre-headless
    - ca-certificates-java
    - ca-certificates
  stage-packages:
    - fonts-dejavu-core
    - libfontconfig1
    - openjdk-11-jre-headless
    - ca-certificates-java
    - ca-certificates
```

CloudCoinWallet.sh

```
#!/bin/sh
```

```
java -jar $SNAP/cc_wallet/CloudCoin.D.4.0.9.jar
```

cloudcoin-wallet.desktop

```
[Desktop Entry]
Type=Application
Name=CloudCoin-Wallet.Dark
Comment=CloudCoin Wallet Desktop App - Dark Edition
Icon=${SNAP}/meta/gui/cc_dark.png
Exec=cloudcoin-wallet
Terminal=false
Categories=Finance;Network;
```

Build

```
snapcraft
```

Install the .snap

```
sudo snap install --dangerous cloudcoin-wallet_4.0.0_amd64.snap --devmode
```

Publish

```
snapcraft login
snapcraft upload --release=beta cloudcoin-wallet_4.0.9_amd64.snap
```