Fedora Remix

SCaLE 7x

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Toolkit to
"Build Your Own Distro"

<!-- Based upon Fedora -->

<!-- Go Ahead, It's Okay! -->

100 % Free

<!-- Really, it is!
In fact, we double-dog dare you to try it. -->

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<!-- Latest and greatest -->

Selected updates

<!-- Security fixes only -->

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<!-- software outside fedora -->

<!-- kiosks -->

<!-- kernel modifications -->

Your own customizations

<!-- Omega 10 -->

<!-- custom desktop or theme -->

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Leverage existing technologies

Anaconda's "kickstart"

- <!-- space hungry -->

Words to the wise

- /var/cache
- /tmp
- destination directory

<!-- spins: approved by Fedora Board -->

Spin vs Remix

<!-- remix: additional packages outside fedora -->

Live image tools:

kickstart file ► live image

livecd-creator

```
$ su -c "livecd-creator --config=<KICKSTART_FILE>"
```

- <!-- size doesn't matter -->

livecd-creator hints

- -b option for "based on"
- local disk repos faster

livecd-iso-to-disk

```
$ su -c "livecd-iso-to-disk --overlay-size-mb <MB>
<ISO_FILE> <USB_STICK_DEVICE>
```

<!-- save your personal data -->

persistence

<!-- configurations stay -->

<!-- won't overwrite any existing data -->

non-destructive

<!-- perfect for ad-hoc show and tell -->

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<!-- Windows version also available -->

LiveUSB Creator
https://fedorahosted.org/liveusb-creator

<!-- graphical usb creator -->

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kickstart file ► install disc(s)

pungi

```
$ su -c "pungi --config=<KICKSTART_FILE> --all-stages"
```

- <!-- personal builds -->

pungi options

- --nosplitmedia to avoid CDs
- --nosource to forget about SRPMs
- --cachedir to point to packages on disk

- <!-- think about I/O -->

pungi hints

- Local file caches == good
- Edit kickstart repositories
- Add to %packages as desired

installation or live media ► one tool

<!-- build live or install -->

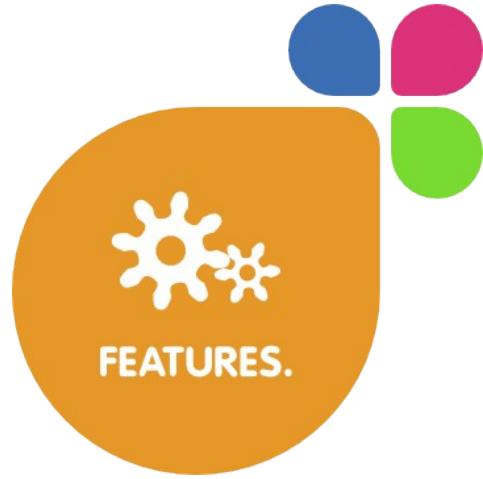# revisor

<!-- used by fedora unity respin -->

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<!-- easy to update a spin -->

Simple GUI Mode

fedora **remix**

<!-- watch out! lots of options -->

Configurable CLI

<!-- extremely configurable -->

Questions?

FREEDOM.

FRIENDS.

http://join.fedoraproject.org

https://fedoraproject.org/wiki/Presentations#Fedora_Applications

FEATURES.

FIRST.