Linux Live Kit is a set of shell scripts which allows you to create your own Live Linux!

linux-live.org

is a set of shell scripts which allows you to create your own Live Linux from an already installed Linux distribution. The Live system you create will be bootable from CD-ROM or USB Flash Drive

Explore

How to build a Live distro?

Step 1

Install your favourite distro to disk partition, or into a folder on your existing system. Debian is recommended but not required.

Step 2

Make sure that squashfs and either **aufs** or overlayfs kernel modules are supported by your kernel. Chaces are your distribution supports them automatically.

Step 3

Remove all unnecessary files, to make your Live Linux system as small as possible (this step is optional). It is recommended to remove udev's persistent net rules and other settings of your distro, which may prevent it from functioning correctly on different hardware.

Step 4

Download Linux Live Kit from GitHub and put it in **/tmp**. Read files in **./DOC/** to learn how it works (this step is optional). Edit **.config** file if you need to modify some variables.

Step 5

Finally log in **as root and run the ./build** script. Your Live Kit ISO image will be created **in /tmp**.

Step 6

To make bootable USB, unpack the generated TAR archive (also from **/tmp**) to your USB device and run **bootinst.sh** from the boot sub-directory.

Linux Live Kit is the most innovative toolkit available. AuFS provides better stability compared to old unionfs, squashfs with XZ support provides great compression ratio and amazing decompression speed. What's new compared to old Linux Live scripts (last released in 2011)?

aufs or overlayfs is used instead of unionfs, brings great stability and features
squashfs supports XZ compression including BCJ filters for incredible compression
CD tree is simplified, you may call your distro as you like, eg. slax, knoppix, etc.
support for booting from USB device as well as CD/DVD discs
persistent changes storage DynFileFS provides dynamic-size filesystem
support for writing persistent changes even to VFAT or NTFS
support for loading your LiveKit data from different directory or even from an iso file
an install script to make your device boot in Linux and Windows

Read current changelog

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