

NAME

grub-install – install GRUB to a device

SYNOPSIS

grub-install [*OPTION* ...] [*OPTION*] [*INSTALL_DEVICE*]

DESCRIPTION

Install GRUB on your drive.

--compress=*no*|*xz*|*gz*|*lzo*

compress GRUB files [optional]

--dtb=*FILE*

embed a specific DTB

-d, --directory=*DIR*

use images and modules under DIR [default=/usr/lib/grub/<platform>]

--fonts=*FONTS*

install FONTS [default=unicode]

--install-modules=*MODULES*

install only MODULES and their dependencies [default=all]

-k, --pubkey=*FILE*

embed FILE as public key for signature checking

--locale-directory=*DIR* use translations under DIR

[default=/usr/share/locale]

--locales=*LOCALES*

install only LOCALES [default=all]

--modules=*MODULES*

pre-load specified modules MODULES

--themes=*THEMES*

install THEMES [default=starfield]

-v, --verbose

print verbose messages.

--allow-floppy

make the drive also bootable as floppy (default for fdX devices). May break on some BIOSes.

--boot-directory=*DIR*

install GRUB images under the directory DIR/grub instead of the boot/grub directory

--bootloader-id=*ID*

the ID of bootloader. This option is only available on EFI and Macs.

--core-compress=*xz*|*none*|*auto*

choose the compression to use for core image

--disk-module=*MODULE*

disk module to use (biosdisk or native). This option is only available on BIOS target.

--efi-directory=*DIR*

use DIR as the EFI System Partition root.

--force

install even if problems are detected

--force-file-id

use identifier file even if UUID is available

--label-bgcolor=COLOR
use COLOR for label background

--label-color=COLOR
use COLOR for label

--label-font=FILE
use FILE as font for label

--macppc-directory=DIR use DIR for PPC MAC install.

--no-bootsector
do not install bootsector

--no-extra-removable
Do not install bootloader code to the removable media path. This option is only available on EFI.

--no-nvram
don't update the 'boot-device'/'Boot*' NVRAM variables. This option is only available on EFI and IEEE1275 targets.

--no-rs-codes
Do not apply any reed-solomon codes when embedding core.img. This option is only available on x86 BIOS targets.

--no-uefi-secure-boot
do not install an image usable with UEFI Secure Boot, even if the system was currently started using it. This option is only available on EFI.

--product-version=STRING
use STRING as product version

--recheck
delete device map if it already exists

--removable
the installation device is removable. This option is only available on EFI.

-s, --skip-fs-probe
do not probe for filesystems in DEVICE

--target=TARGET
install GRUB for TARGET platform [default=i386-pc]; available targets: arm-coreboot, arm-efi, arm-uboot, arm64-efi, i386-coreboot, i386-efi, i386-ieee1275, i386-multiboot, i386-pc, i386-qemu, i386-xen, i386-xen_pvh, ia64-efi, mips-arc, mips-qemu_mips, mipsel-arc, mipsel-loongson, mipsel-qemu_mips, powerpc-ieee1275, riscv32-efi, riscv64-efi, sparc64-ieee1275, x86_64-efi, x86_64-xen

--uefi-secure-boot
install an image usable with UEFI Secure Boot. This option is only available on EFI and if the grub-efi-amd64-signed package is installed.

-?, --help
give this help list

--usage
give a short usage message

-V, --version
print program version

Mandatory or optional arguments to long options are also mandatory or optional for any corresponding short options.

INSTALL_DEVICE must be system device filename. grub-install copies GRUB images into boot/grub. On some platforms, it may also install GRUB into the boot sector.

REPORTING BUGS

Report bugs to <bug-grub@gnu.org>.

SEE ALSO

grub-mkconfig(8), **grub-mkimage**(1), **grub-mkrescue**(1)

The full documentation for **grub-install** is maintained as a Texinfo manual. If the **info** and **grub-install** programs are properly installed at your site, the command

info grub-install

should give you access to the complete manual.