

SDT(1) SDT Tools

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NAME

sdt - a tool kit for driver updates

SYNOPSIS

sdt [*options*] cmd [*cmd-options*]

DESCRIPTION

The SUSE Driver Tools package is a suite of utility commands to help users manage distribution and integration of driver updates with SUSE Linux distributions.

The *sdt* command is the main command of the SUSE Driver Tools suite which provides a set of sub-commands for specific tasks.

SUBCOMMANDS

Below is a brief description of each sdt sub-command. See the respective sub-command manual for detailed information.

dud Create update media (DUD).

pxe Extract/update initrd/kernel from media and update packages for use in setting up PXE boot servers.

driverkit Creates a driver kit (add-on product) from a given set of rpm packages and other files. Both standard driver kits and *bootable* driver kits are supported. This command leverages kiwi as a back end for generating the driver kit repository.

kiso Creates a kISO (kernel ISO) from a given set of packages and target SUSE distribution.

OPTIONS

-h, --help show this help message and exit

--version show program's version number and exit

-d, --debug Turn on verbose messages.

-q, --quiet Turn off all (debug, warn, info) messages.

-O *OUTPUTDIR*, --outputdir *OUTPUTDIR* Directory to place output of sdt command.

-C *CONFIGFILE*, --configfile *CONFIGFILE* SUSE Driver Tools config file to use.

-L *LOGFILE*, --logfile *LOGFILE* File to write logs to. Default *./sdt.log*

SUDO

For some operations, SUSE Driver Tools requires super user permissions. To achieve this, a call to **sudo** is made and the user will be prompted for the root password. To avoid the password prompt, configure sudo with the option NOPASSWD. See **sudoers(1)** for further information on configuring sudo.

The operations requiring super user privileges are:

- unpacking **initrd** images
- mounting uEFI vfat images

For unpacking **initrd** images, the command **cpio** is called using **sudo**. Images will only be unpacked into empty directories, and the **--no-absolute-filenames** option is used to avoid inadvertently overwriting files outside of the target directory.

For mounting the uEFI vfat image, the **mount** command is called using **sudo**.

FILES

`~/.sdt/config` User level configuration.

SEE ALSO

`sdt-driverkit(1)`, `sdt-dud(1)`, `sdt-pxe(1)`, `sdt-kiso(1)`, `sdt-unpackinitrd(1)`,
`sdt-file-detection(7)`, `sudoers(1)`