

# 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 (tools) 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 tools for specific tasks.

## TOOLS

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

**dud** Create update media (DUD).

**initrd** unpack, update, repack or compare SUSE installer initrd images. (For use in setting up PXE boot servers.)

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

**kmodule** sign a kernel module, strip it's signature, extract the signature or compare binary equality of two kernel modules  
**obs** Tools for working with the Open Build Service.

## 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.  
**-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-media(1)**, **sdt-dud(1)**, **sdt-initrd(1)**, **sdt-kmodule(1)**, **sdt-obs(1)**, **sdt-file-detection(7)**, **sudoers(1)**