hcp-setup

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Hot Copy device driver installation utility
hcp-setup [-k KERNEL_SOURCE_DIR]

DESCRIPTION

hcp-setup is used to build a proprietary R1Soft Hot Copy Linux device driver. hcp-setup will first compute the MD5 checksum of your running kernel's /proc/version string (same as # echo -n "$(cat /proc/version)"|md5sum). It will then look for an existing binary compatible device driver on the R1Soft download servers. If one exists it will be downloaded. If an existing binary Hot Copy device driver exactly matching your running kernel is not available than hcp-setup will attempt to build a new device driver from source using your system's kernel source or kernel headers.

BUILDING HOT COPY DRIVER FROM SOURCE

hcp-setup will tar up your kernel source tree or headers and upload them to an R1Soft build server over HTTPS. Once your system's kernel headers or source have been uploaded the R1Soft build server will compile a Hot Copy device driver as a kernel module and hcp-setup will automatically download it to your system.

In order for hcp-setup to work your Linux server must have HTTPS Internet access to kmod32.r1soft.com (32-bit systems) and kmod64.r1soft.com (64-bit systems) on TCP port 443

OPTIONS

-k, --kernel specify location of kernel source or kernel headers (default is /lib/modules/`uname -r`/build)

-d, --destdir download compiled kernel module to this directory (default is /lib/modules/r1soft)

-i, --test test connection to R1Soft build servers kmod32.r1soft.com, kmod64.r1soft.com

-z, --no-cache don't get a pre-built binary module, force building from source

-o, --cache-only Don't compile a module form source check for a matching binary device driver only

--debug print debugging information

-s, --server specify an alternative R1Soft build server

-v, --version print version information about hcp command line utility and hcp device driver

-h, --help print help dialogue

KERNEL_SOURCE_DIR path to kernel module source or devel header files (default is /lib/modules/`uname -r`/build)

EXAMPLES

Install a Hot Copy device driver:

hcp-setup

REPORTING BUGS

Report bugs to http://forum.r1soft.com

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SEE ALSO

hcp, hcp-device