Full credit is given to the above companies including the OS that this PDF file was generated!

Red Hat Enterprise Linux Release 9.2 Manual Pages on 'kpartx.8' command

$ man kpartx.8

KPARTX(8) System Manager's Manual KPARTX(8)

NAME

kpartx - Create device maps from partition tables.

SYNOPSIS

kpartx [-a|-d|-u|-l] [-r] [-p] [-f] [-g] [-s|-n] [-v] wholedisk

DESCRIPTION

This tool, derived from util-linux' partx, reads partition tables on specified device and create device maps over partitions segments de? tected. It is called from hotplug upon device maps creation and dele? tion.

OPTIONS

-a Add partition mappings.

-d Delete partition mappings.

-u Update partition mappings.

-l List partition mappings that would be added -a.

-r Read-only partition mappings.

-p Set device name-partition number delimiter.

-f Force creation of mappings; overrides 'no_partitions' feature.

-g Force GUID partition table (GPT).

-s Sync mode (Default). Don't return until the partitions are cre? ated.

-n Nosync mode. Return before the partitions are created.

-v Operate verbosely.

EXAMPLE

To mount all the partitions in a raw disk image:

kpartx -av disk.img

This will output lines such as:

add map loop1p1 (254:4): 0 409597 linear 7:1 3

The loop1p1 is the name of a device file under /dev/mapper which you can use to access the partition, for example to fsck it:

fsck /dev/mapper/loop1p1

When you're done, you need to remove the devices:

kpartx -d disk.img

SEE ALSO

multipath(8) multipathd(8) hotplug(8)

AUTHORS

This man page was assembled By Patrick Caulfield for the Debian project.

multipath-tools was developed by Christophe Varoqui <christophe.varo?qui@opensvc.com> and others.