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dm-linear
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Device-Mapper's "linear" target maps a linear range of the Device-Mapper device onto a linear range of another device. This is the basic building block of logical volume managers.

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Parameters: <dev path> <offset>
    <offset>: Starting sector within the device.
Example scripts
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#!/bin/sh
# Create an identity mapping for a device
echo "0 `blockdev --getsize $1` linear $1 0" | dmsetup create identity
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#!/bin/sh
# Join 2 devices together
size1=`blockdev --getsize $1`
size2=`blockdev --getsize $2`
echo "0 $sizel linear $1 0
$sizel $size2 linear $2 0" | dmsetup create joined
#!/usr/bin/perl -w
# Split a device into 4M chunks and then join them together in reverse order.
my $name = "reverse";
my \$extent size = 4 * 1024 * 2;
my $dev = $ARGV[0];
my $table = "";
my scount = 0;
if (!defined($dev)) {
        die ("Please specify a device. \n");
my $dev_size = `blockdev --getsize $dev`;
my $extents = int($dev_size / $extent_size) -
              (($dev_size % $extent_size) ? 1 : 0);
while ($extents > 0) {
       my $this_start = $count * $extent_size;
        $extents--;
        $count++;
        my $this offset = $extents * $extent size;
```