

Parted is a command to manipulate disk partitions.

Basics

<code>parted /dev/sdX [command]</code>	Perform command on /dev/sdX
<code>parted /dev/sdX</code>	Open an interactive (parted) prompt
<code>(parted) select /dev/sdY</code>	In interactive mode, select device /dev/sdY
<code>--align opt</code>	Adjust partition boundaries for optimal performance

Inspection

<code>parted /dev/sdX print</code>	Print details about drive and partitions
<code>... print list</code>	Print details about all partitions on all attached drives
<code>... print devices</code>	Print list of <i>all</i> devices
<code>... print free</code>	Print free space on device /dev/sdX

Partition

<code>... mklabel gpt</code>	Create a gpt partition table
<code>... --align opt mkpart \ example xfs 1 50%</code>	Make an XFS partition named example on the first half of the volume, optimizing partition locations as needed
<code>... mkpart example 51% 100%</code>	Make a partition spanning the last half of the volume
<code>... unit MB mkpart \ example 1 1024</code>	Make a partition from 1 MB to 1024 MB

Modification

<code>... name 1 xfsvol</code>	Give partition 1 the name xfsvol
<code>... set 2 swap on</code>	Set the swap flag on partition 2
<code>... rm 1</code>	Remove partition 1
<code>... unit MB rescue 1 1024</code>	Rescue a missing partition from 1 MB to 1024 MB
<code>... unit MB \ resizepart 1 2048</code>	Resize partition 1 so that it ends at 2048 MB