

# Mounting Commands

- **adfs** - mount -t adfs /dev/fd0 /mnt/floppy
- **affs** -
  - mount -t affs -o offset=2099544064 /dev/sdf /media/Amiga
  - mount -t affs /dev/loop1 /media/Amiga #already mounted to a loopback device
- **aufs** -
  - mount -t aufs -o br:/mnt/disk1=rw:/mnt/disk2=rw:/mnt/disk3=rw,sum,create=mfs none /mnt/aufs
  - auplink /aufs/root flush && mount -o remount,mod:/writable /mount\_point=ro /aufs/root
- **cifs** -
  - mount -t cifs //SERVER/SHARE /mnt/cifs -o username=USRNAME,password=PSSWD,domain=DOMAIN-NAME
  - mount -t cifs //SERVER/SHARE /MOUNTPOINT --verbose -o user=USRNAME
- **cramfs** - mount -t cramfs -o loop /path/cramfs-img /media/cramfs/
- **debugfs** - mount -t debugfs none /sys/kernel/debug
- **devpts** - mount -t devpts devpts /dev/pts
- **efs** - mount -r -t efs /dev/cdrom /mnt/irix
- **ext2** - mount -t ext2 /dev/sda1 /media/hdd
- **ext3** - mount -t ext3 /dev/sda1 /media/hdd
- **ext4** - mount -t ext4 /dev/sda1 /media/hdd
- **hfs** - mount -t hfs /dev/sdc2 /media/hfs # Journaling may need to be disabled
- **hfsplus** - mount -t hfsplus /dev/sdc2 /media/hfs # Journaling may need to be disabled
- **hpfs** - mount -t hpfs /dev/hda2 /mnt
- **iso9660** - mount -t iso9660 -o ro /dev/cdrom /mnt
- **jffs2** - mount -t jffs2 /dev/mtdblock0 /mnt/jffs2
- **jfs** - mount -o noatime -t jfs /dev/jfs\_dev /mnt/jfs
- **minix** - losetup /dev/loop0 minix.img -o 512 && mount -t minix /dev/loop0 /mnt
- **msdos** - mount -t msdos /dev/sda1 /mnt
- **nfs** - mount -t nfs SERVER:/SHARE /mnt/nfs/shares
- **nfs4** - mount -t nfs4 -o proto=tcp,port=2049 SERVER:/SHARE /mnt/nfs/shares
- **ntfs** - mount -t ntfs /dev/sda1 /mnt
- **OverlayFS** - mount -t overlayfs -o lowerdir=/dir1\_ro,upperdir=/main\_overlay overlayfs /mnt/overlay
- **proc** - mount -t proc none /proc
- **qnx4** -
  - mount -t qnx4 /dev/sda1 /mnt
  - mount -t qnx4fs /dev/sda1 /mnt
- **ramfs** - mount -t ramfs -o size=512m ramfs /mnt/ramdisk
- **reiserfs** - mount -t reiserfs -o nolog /dev/sdb1 /mnt/reiser
- **romfs** - mount -o loop file.img /mnt/img/
- **squashfs** - mount -t squashfs -o loop /dir/file.squashfs /mnt/
- **smbfs** - mount -t smbfs //SERVER/SHARE /mnt/smb/share -o username=USER,workgroup=WORKGROUP,password=PSWD
- **sysfs** - mount -t sysfs sys /sys
- **tmpfs** - mount -t tmpfs -o size=512m tmpfs /mnt/ramdisk
- **ubifs** -
  - mount -t ubifs ubiX:NAME /mnt/ubifs
  - mount -t ubifs /dev/ubi0 /mnt/ubifs
- **udf** - mount -t udf /dev/sr0 /cdrom/
- **ufs** - mount -r -t ufs -o ufstype=old,ro /dev/sda1 /media/ufs
- **umsdos** - mount -t umsdos /dev/sdb2 /media/umsdos
- **UnionFS** -
  - mount -t unionfs -o dirs=/dir1:/dir2 > none /mnt/union
  - mount -t unionfs -o dirs=/dir1\_rw=rw:/dir2\_ro=ro unionfs /mnt/union
- **usbfs** - mount -t usbfs none /proc/bus/usb -o devmode=0666
- **vfat** - mount -t vfat /dev/sda1 /mnt
- **xfs** - mount -t xfs /dev/sda1 /mnt
- **xiafs** - mount -t xiafs /dev/sdc1 /mnt

## Special Mounts

- **\*.img Files** - mount -o loop file.img /mnt/img/
- **\*.iso Files** -
  - mount -o loop file.iso /mnt/iso
  - mount -o loop -t iso9660 file.iso /mnt/iso
- **Floppies** - mount /dev/fd0 /mnt
- **Zip Drive** - mount -t vfat /dev/zip /mnt/zip