

mkshelf.sh.txt

```
#!/bin/sh

if test "$#" != "2"; then
    echo "Usage: sh `basename $0` {dir} {shelfaddress}" 1>&2
    echo "          n_partitions=16 sh `basename $0` {dir} {shelfaddress}" 1>&2
    exit 1
fi
n_partitions=${n_partitions:-16}
dir=$1
shelf=$2
nslots=16
maxslot=`echo $nslots 1 - p | dc`
MAJOR=152

set -e

minor=`echo $nslots \* $shelf \* $n_partitions | bc`
endp=`echo $n_partitions - 1 | bc`
for slot in `seq 0 $maxslot`; do
    for part in `seq 0 $endp`; do
        name=e$shelf.$slot
        test "$part" != "0" && name=${name}p$part
        rm -f $dir/$name
        mknod -m 0660 $dir/$name b $MAJOR $minor

        minor=`expr $minor + 1`
    done
done
```