

```

Mkdir /homes
Lvcreate -n homes -L 1GB data
mkfs.vfat /dev/data/homes
mkfs.ext2 /dev/data/homes
mkfs.ext3 /dev/data/homes
mkfs.ext4 /dev/data/homes
mkfs.xfs /dev/data/homes
mkfs.reiser /dev/data/homes
mkfs.btrfs /dev/data/homes

```

Subdirs	FS	Vfat	Ext2	Ext3	Ext4	Xfs	Reiser	btrfs
0		4k	1.3MB	34MB	34MB	33MB	33MB	5.6MB
10K		40MB	41MB	73MB	73MB	36MB	34MB	7.3MB
30K		119MB	120MB	152MB	152MB	41MB	37MB	23MB
60K		237MB	237MB	3)	269MB	50MB	42MB	45MB
100K		1)	2)	-	4)	61MB	48MB	76MB
200K		-	-	-	-	89MB	64MB	151MB
500K		-	-	-	-	172MB	112MB	377MB
1M		-	-	-	-	311MB	191MB	753MB

- 1) Way too slow
- 2) max 65525 needing 259MB
- 3) max 31997 needing 159MB
- 4) max 65525 needing 291MB

Time needed for making/deleting EMPTY subdirs (=mountpoints)

Subdirs	FS	Vfat	Ext2	Ext3	Ext4	Xfs	Reiser	btrfs
30k create		3m12	0m0.6	0m6.27	0m4.64	0m1.60	0m0.37	0m0.53
30k delete		0m8	0m0.3	0m0.94	0m0.63	0m0.94	0m0.54	0m0.59
100k create						0m5.74	0m1.15	0m1.68
100K delete						0m3.59	0m1.61	0m1.89
1M create						1m17	0m16.2	0m16.5
1M delete						0m50	0m16.5	0m53.3

More than 512 logical volumes possible (probably 4095)