

# Transferència de la documentació del diskless i FlexLM

## Transferència del diskless

### Transferència completa dels fitxers

Transfereixo el contingut de les carpetes `/usr/diskless*` de l'ordinador actual a la nova estació de treball,

```
root@cie-50-205:/usr/local# rsync -Hvax --verbose --progress --stats --
protocol="30" -e "ssh" --rsync-path="sudo rsync"
sermn@cie-55-30.uab.cat:/usr/diskless* . | tee 20160909-1600-rsync-
diskless.log
opening connection using: ssh -l sermn cie-55-30.uab.cat "sudo rsync" --
server --sender -vvlHogDtprxe.iLsfx . "/usr/diskless*" (10 args)
sermn@cie-55-30.uab.cat's password:
receiving file list ...
expand file_list to 4000 bytes, did move
expand file_list to 8000 bytes, did move
1730 files to consider
delta-transmission enabled
diskless/
diskless/clients/
diskless/clients/spect/
diskless/clients/spect/lock/
:
:
diskless_20051216/dl_usr/ucb/uptime
      86,016 100% 210.53kB/s 0:00:00 (xfr#1023, to-chk=3/1730)
diskless_20051216/dl_usr/ucb/zcat
      45,056 100% 109.45kB/s 0:00:00 (xfr#1024, to-chk=1/1730)
diskless_20051216/dl_usr/ucb/uncompress => diskless_20051216/dl_usr/ucb/zcat
diskless_20051216/dl_usr/ucb/compress => diskless_20051216/dl_usr/ucb/zcat
total: matches=0 tag_hits=0 false_alarms=0 data=73388355

rsync[4988] (receiver) heap statistics:
arena:          270336 (bytes from sbrk)
ordblks:         4 (chunks not in use)
smlblks:         0
hblks:           3 (chunks from mmap)
hblkhd:        798720 (bytes from mmap)
allmem:        1069056 (bytes from sbrk + mmap)
usmlblks:        0
fsmblks:         0
uordblks:       224704 (bytes used)
```

```
fordblks:      45632   (bytes free)
keepcost:      45296   (bytes in releasable chunk)

rsync[4938] (generator) heap statistics:
arena:         270336   (bytes from sbrk)
ordblks:       2       (chunks not in use)
smlblks:       2
hblks:         2       (chunks from mmap)
hblkhd:        532480   (bytes from mmap)
allmem:        802816   (bytes from sbrk + mmap)
usmlblks:      0
fsmlblks:      64
uordblks:      159136   (bytes used)
fordblks:      111200   (bytes free)
keepcost:      110864   (bytes in releasable chunk)

Number of files: 1,730 (reg: 1,087, dir: 126, link: 517)
Number of regular files transferred: 1,024
Total file size: 79,821,897 bytes
Total transferred file size: 73,388,355 bytes
Literal data: 73,388,355 bytes
Matched data: 0 bytes
File list size: 39,028
Total bytes sent: 16,400
Total bytes received: 73,475,522

sent 16,400 bytes  received 73,475,522 bytes  6,999,230.67 bytes/sec
total size is 79,821,897  speedup is 1.09
```

## Verificació

Tipus de fitxer	Ordinador actual	Nou ordinador
Fitxer normal	1087	1087 ✓
Carpeta	126	126 ✓
Enllaç simbòlic	158	158 ✓

## Transferència del FlexLM

### Transferència completa dels fitxers

Transfereixo el contingut de les carpetes `/usr/local/flexlm` de l'ordinador actual a la nova estació de treball,

```
root@cie-50-205:/usr/local# rsync -Hvax --verbose --progress --stats\
--protocol="30" -e "ssh" --rsync-path="sudo rsync" \
sermn@cie-55-30.uab.cat:/usr/local/flexlm . | \
```

```

tee 20160909-1714-rsync-flexlm.log
opening connection using: ssh -l sermn cie-55-30.uab.cat "sudo rsync" --
server --sender -vvlHogDtprxe.iLsfx . /usr/local/flexlm (10 args)
sermn@cie-55-30.uab.cat's password:
receiving file list ...
expand file_list to 4000 bytes, did move
30 files to consider
delta-transmission enabled
flexlm/
flexlm/Bruker/
flexlm/Bruker/help/
flexlm/Bruker/licenses/
flexlm/Bruker/bbmri_ls
      698,932 100%  11.69MB/s   0:00:00 (xfr#1, to-chk=27/30)
flexlm/Bruker/bruker_lmgr
      3,283 100%   56.25kB/s   0:00:00 (xfr#2, to-chk=26/30)
flexlm/Bruker/bruker_ls
:
:
flexlm/Bruker/lminstall => flexlm/Bruker/lmver
flexlm/Bruker/lmhostid => flexlm/Bruker/lmver
flexlm/Bruker/lmdown => flexlm/Bruker/lmver
flexlm/Bruker/lmdiag => flexlm/Bruker/lmver
flexlm/Bruker/lmborrow => flexlm/Bruker/lmver
total: matches=0 tag_hits=0 false_alarms=0 data=3589233

rsync[24241] (receiver) heap statistics:
arena:          270336   (bytes from sbrk)
ordblks:        4      (chunks not in use)
smlblks:        0
hblks:          3      (chunks from mmap)
hblkhd:        798720   (bytes from mmap)
allmem:        1069056   (bytes from sbrk + mmap)
usmlblks:       0
fsmblks:       0
uordblks:      214768   (bytes used)
fordblks:      55568   (bytes free)
keepcost:      47024   (bytes in releasable chunk)

rsync[24200] (generator) heap statistics:
arena:          270336   (bytes from sbrk)
ordblks:        3      (chunks not in use)
smlblks:        3
hblks:          2      (chunks from mmap)
hblkhd:        532480   (bytes from mmap)
allmem:        802816   (bytes from sbrk + mmap)
usmlblks:       0
fsmblks:       192
uordblks:      149200   (bytes used)
fordblks:      121136   (bytes free)
keepcost:      112464   (bytes in releasable chunk)

```

Number of files: 30 (reg: 26, dir: 4)  
Number of regular files transferred: 14  
Total file size: 9,058,401 bytes  
Total transferred file size: 3,589,233 bytes  
Literal data: 3,589,233 bytes  
Matched data: 0 bytes  
File list size: 865  
Total bytes sent: 240  
Total bytes received: 3,591,156

sent 240 bytes received 3,591,156 bytes 798,088.00 bytes/sec  
total size is 9,058,401 speedup is 2.5

## Verificació

Tipus de fitxer	Ordinador actual	Nou ordinador
Fitxer normal	26	26 ✓
Carpeta	4	4 ✓
Enllaç simbòlic	0	0 ✓

From:  
<https://sermn.uab.cat/wiki/> - **SeRMN Wiki**

Permanent link:  
[https://sermn.uab.cat/wiki/doku.php?id=informatica:hp\\_z240mt\\_biospec\\_diskless](https://sermn.uab.cat/wiki/doku.php?id=informatica:hp_z240mt_biospec_diskless)

Last update: **2016/09/09 17:19**

