Compression and incremental backups

- Why not gzip the tarfile?

  Well... If there are any errors on the medium you may lose the entire archive! Better to gzip each file separately; look at afio.

- Creating file lists for incremental backups

  Idea: Full backup each month, backup only changed files each week and each day of the week.

  find / -mtime 1 -print > filelist.daily

  find / -mtime 7 -print > filelist.weekly

- Making incremental backup

  tar -cv -T filelist.daily -f /dev/rft0: Creates backup from files listed in 'filelist.daily'. Could use same tape for all daily backups!

- Restoring incremental backup

  Just read tarfile from monthly tape, weekly tape, and each daily tape in that order.