Some useful commands for the DAT drives

Note: these instructions are for HPs; if you are using a Linux-PC, you should use the device `/dev/nst0` instead of `/dev/rmt/dat`.

- To write to a blank tape type:
  `tar cvf /dev/rmt/dat` *file-name(s)*

- To append to a tape that already contains data type:
  `tar rvf /dev/rmt/dat` *file-name(s)*

  If you have too many files in your directory and the tar command complains, go up one directory and type:
  `tar cvf /dev/rmt/dat` *directory-name*
  Be careful no to use the full paths (e.g. /home/green/data) since this may cause problems when extracting the data from the tape.

- To rewind the tape type:
  `dat_rew`
  or
  `mt -t /dev/rmt/dat rew`

- To list files on the tape type:
  `tar tvf /dev/rmt/dat`
  If files have been written to tape separately then this command must be repeated in order to list the next file.

- To retrieve all data from a tape type:
  `tar xvf /dev/rmt/dat`

- To retrieve only specific files type:
  `tar xvf /dev/rmt/dat` *file-name*
  where *file-name* is the full pathname (given by listing the files first)

- To rewind and eject the tape type:
  `dat_off`
  or
  `mt -t /dev/rmt/dat offl`