**系統程式設計**

**Lab4 File Attributes**

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1. **How do you modify fig4\_22.c?**

增加static int nvalid=0, ninvalid=0;、 static off\_t total\_size;

印出來的地方多印出這三個的數量

在dopath裡面讓total size成為statbuf.st\_size的總和

在myfunc 裡，計算link數量的時候，如果access(pathname,F\_OK)==0，nvalid加一；如果<0，ninvalid加一

1. **The count of the various types of files?**

regular files = 50, 79.37 %

directories = 5, 7.94 %

block special = 0, 0.00 %

char special = 0, 0.00 %

FIFOs = 5, 7.94 %

symbolic links = 3, 4.76 %

sockets = 0, 0.00 %

1. **The count of total files size?**

**Total size = 20573**

1. **(Bonus) The count of valid and invalid link?**

**Valid link = 2**

**Invalid link = 1**