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1.
struct:
typedef struct threadData {
  pthread_t threadId;
  FILE *fp;
  int sum;
} threadData;
Initialize semaphore:
sem_init (&sem, 0, 1);
creat threads and join:
for (i=0; i<t; i++) {
     td[i].fp = fp;
     pthread_create (&(td[i].threadId),NULL,readFile,(void *) &td[i]);
}
  for (i=0; i<t; i++) {
     pthread_join (td[i].threadId, (void**)&retval);
     printf("id:%ul,number:%d", (unsigned int)td[i].threadId,td[i].sum);
  }
Thread handler:
static void *readFile (void *arg){
  threadData *td=(threadData *)arg;
  char *filename, *cmd;
  int retVal;
  int number=0;
  filename = (char*)malloc(sizeof(char)*L);
  cmd = (char*)malloc(sizeof(char)*L);
  while (1) {
    sem_wait (&sem);
```

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retVal = fscanf (td->fp, "%s", filename);
    sem_post (&sem);
    if (retVal == EOF)
       break;
    sprintf(cmd,"wc -l %s",filename);
    system(cmd);
    number++;
    sleep (1);
  td->sum=number;
  return NULL;
}
2.
Determine if it is a file/director:
if [ -f $subfile ]; then
    if [ -r $subfile ]; then
Get size:
size=$(wc -c $subfile | awk '{print $1}')
Determine the size:
if [[ $size -gt 1024 ]]; then
3.
Get old id and compute the id
olduid=$(cat /etc/passwd | tail -n 1 $filename | cut -d ':' -f 4)
let uid=olduid+1
append line:
append=$user":x:"$gid":"$uid":""$name"",,,:/home/"$user":/bin/bash"
```