

## Archivage.c

```
#include <stdlib.h>
#include <stdio.h>
#include <sys/types.h>
#include <sys/stat.h>
#include <stdint.h>
#include <fcntl.h>
#include <time.h>
#include <string.h>
#include <dirent.h>
#include "outils.h"
#include <math.h>

struct dateModif{
    int day;
    int month;
    int year;
    int hour;
    int minute;
    int second;
};

void archiveFolder(char * directory, char * archive)
{
    char ** files = filesInFolder(directory);
    int numberFiles = filesCounter(directory);
    DIR *rep = NULL;
    int i;
    for(i = 0; i < numberFiles; i++){
        rep = NULL;
        char buffer[2000];
        strcpy(buffer, directory);
        strcat(buffer, "/");
        strcat(buffer, files[i]);
        rep = opendir(buffer);
        printf("files[%d] : %s", i, files[i]);
        if(rep == NULL){
            addHeader(buffer, archive);
            addTo(buffer, archive);
        }
        else
            archiveFolder(buffer, archive);
    }
}

void archiveList(int filesNumber, char ** filesNames)
{
    int i = 1;
    DIR *rep = NULL;

    for(i = 1; i < filesNumber-1; i++){
        rep = opendir(filesNames[i]);
        if(rep == NULL){
            addHeader(filesNames[i], filesNames[filesNumber-1]);
            addTo(filesNames[i], filesNames[filesNumber-1]);
        }
        else
            archiveFolder(filesNames[i], filesNames[filesNumber-1]);
    }
}
```

```
int main(int argc, char **argv)
{
    char * p;
    int size;
    dateModif d;
    char * file;
    //archiveList(argc, argv);
    deleteFileArchive(argv[2], argv[1]);
    return 0;
}
```