Class: AttributeHeader

Valuable:

uint32\_t Attribute type

uint32\_t Attribute length

uint8\_t Flag

char Raw[7]

Function:

read()

write()

update()

Class: FileName

Valuable:

AttributeHeader Header

int64\_t TimeCreation

int64\_t TimeUpdate

uint64\_t BaseEntry

uint32\_t LengthFileName

uint32\_t Offset

uint32\_t FileSize

string Name

Functions:

read()

write()

update()

Class: Run

Valuable:

uint8\_t Header

vector<uint8\_t> Last

vector<uint8\_t> ClusterBegin

Functions:

Run()

GetClusterBegin()

GetLength()

Class: Security

Valuable:

AttributeHeader Header

uint32\_t Length

uint32\_t Offset

Functions:

encrypt()

encode()

update()

Class: Data

Valuable:

AttributeHeader Header

uint32\_t Length

uint32\_t Offset

vector<Run> DataRun

Functions:

read()

write()

GetCluster()

update()

Class: Index

Valuable:

AttributeHeader Header

uint8\_t Length

uint8\_t Offset

vector<FileName> Entry

Functions:

read()

write()

AddFile()

DeleteFile()

Class: File

Valuable:

FileName

Security

Data

Functions:

read()

write()

delete()

Class Volume:

Valuable:

FILE Vol

BootSector Boot

BitMap ClusterManager

vector<Record> RDET

Functions:

OpenVol()

CloseVol()

CreateVol()

Read()

SeekToCluster()

SeekToSector()

AddFile()

AddFolder()

DeleteFile()

DeleteFolder()

MoveFile()

MoveFolder()

CreatePass()