# **Investigating NTFS Drive Using DiskExplorer For NTFS**

## Generating image file

```
theertha@CYS24020-Theertha:~$ lsblk
NAME
                    SIZE RO TYPE MOUNTPOINTS
       MAJ:MIN RM
fd0
         2:0
                      4K
                          0 disk
                1
         7:0
                          1 loop /snap/core20/1974
loop0
                0
                   63.4M
loop1
         7:1
                0
                      4K
                          1 loop /snap/bare/5
loop2
         7:2
                0
                  63.7M
                          1 loop /snap/core20/2434
                   73.9M
loop3
         7:3
                0
                          1 loop /snap/core22/1722
loop4
                          1 loop /snap/core22/858
         7:4
                0
                   73.9M
         7:5
                0 237.2M
                          1 loop /snap/firefox/2987
loop5
loop6
         7:6
                0 273.7M
                          1 loop /snap/firefox/5437
         7:7
                0 349.7M
                          1 loop /snap/gnome-3-38-2004/143
loop7
         7:8
                0 91.7M
                          1 loop /snap/gtk-common-themes/1535
loop8
loop9
         7:9
                0
                  12.2M
                          1 loop /snap/snap-store/1216
loop10
         7:10
                0 485.5M
                          1 loop /snap/gnome-42-2204/120
loop11
                  12.3M
                          1 loop /snap/snap-store/959
         7:11
                0
loop12
         7:12
                0 505.1M
                          1 loop /snap/gnome-42-2204/176
loop13
         7:13
                0 53.3M
                          1 loop /snap/snapd/19457
loop14
         7:14
                   44.3M
                          1 loop /snap/snapd/23258
                0
         7:15
loop15
                    568K
                          1 loop /snap/snapd-desktop-integration/253
                0
loop16
                    452K
         7:16
                0
                          1 loop /snap/snapd-desktop-integration/83
sda
         8:0
                0
                     20G
                          0 disk
         8:1
                0
                      1M
 -sda1
                          0 part
  sda2
         8:2
                0
                    513M
                          0 part /boot/efi
 -sda3
         8:3
                   19.5G
                          0 part /var/snap/firefox/common/host-hunspell
                1 155.3M
sr0
        11:0
                                  /media/theertha/CDROM
                          0 rom
        11:1
                   1024M
sr1
                          0 rom
```

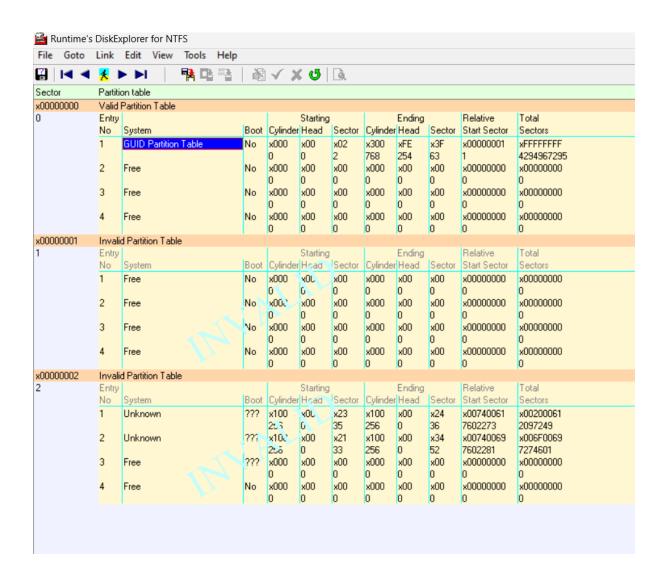
Here,

dd: disk image

if: input device/file

### of:output device/file

bs: block size



Goto sector... ×

## Jump to a new position on D:\sda1image.dd:





#### Valid values are:

Sector: x000000000 - x0000007FF

(0 - 2,047)

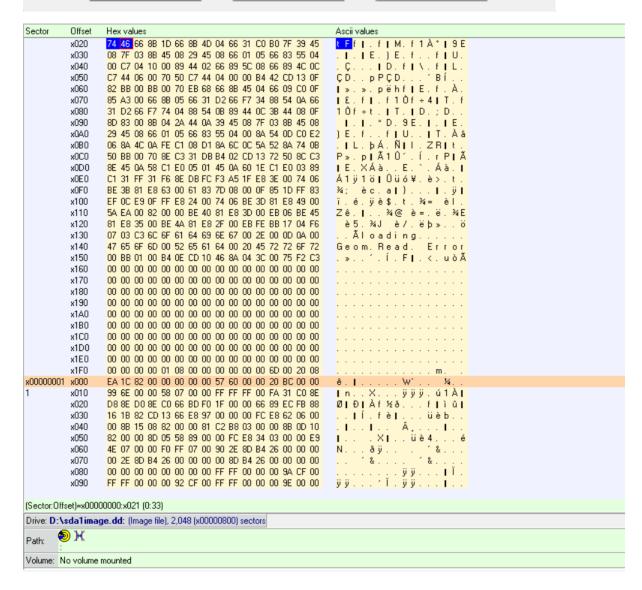
Byte: x0000000000 - x00000FFFFF

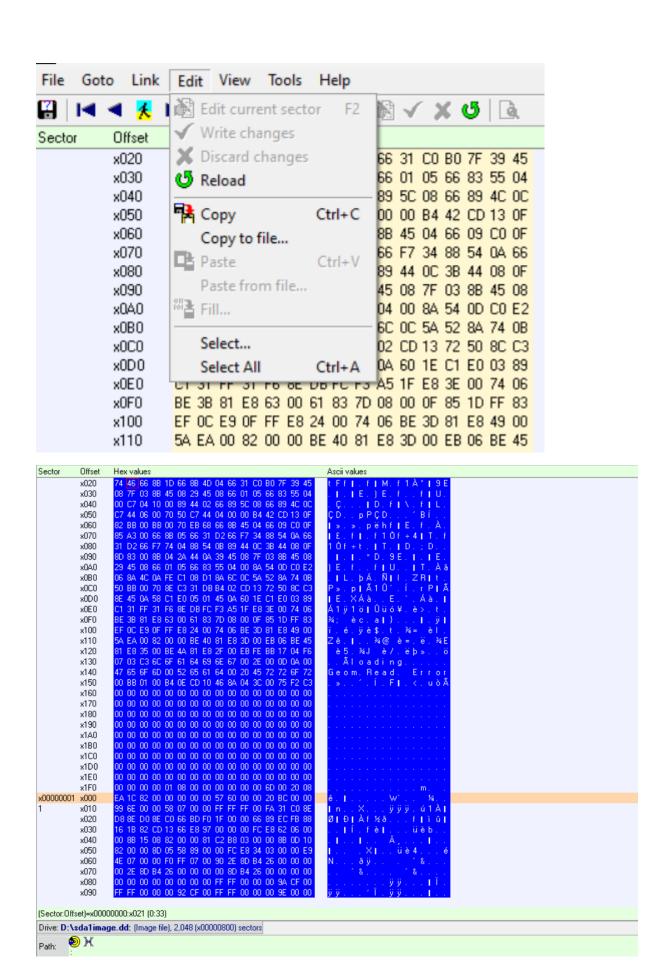
(0 - 1,048,575)

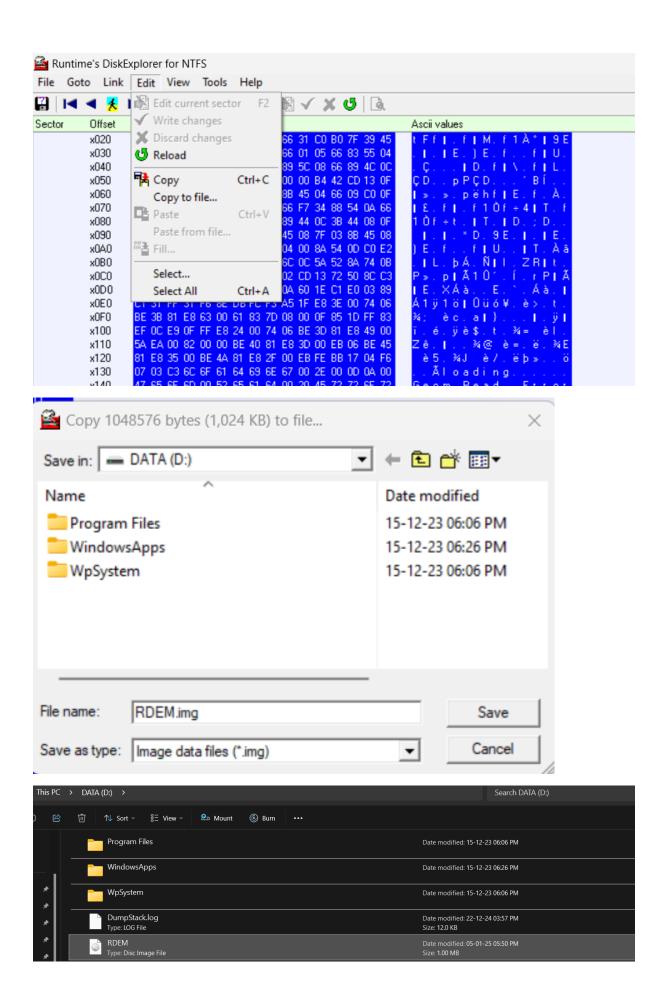






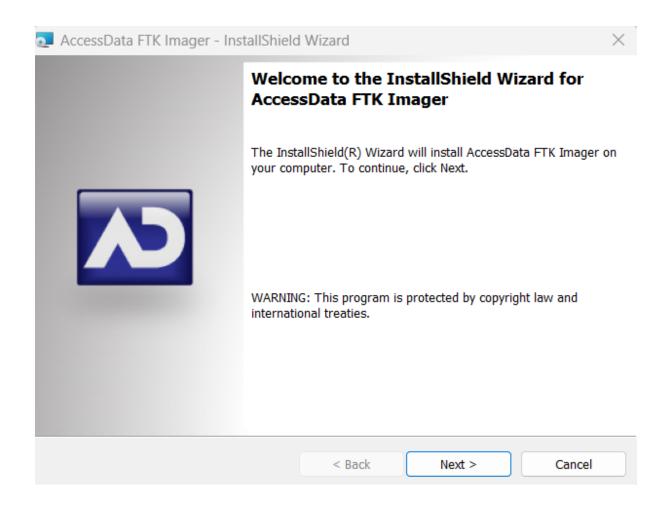






# Viewing content of Forensic Image Using Access Data FTK imager Tool

FTK Imager is a powerful tool for forensic analysis, allowing to view, analyze, and recover data from forensic images while maintaining data integrity and ensuring chain-of-custody compliance.





#### Ready to Install the Program

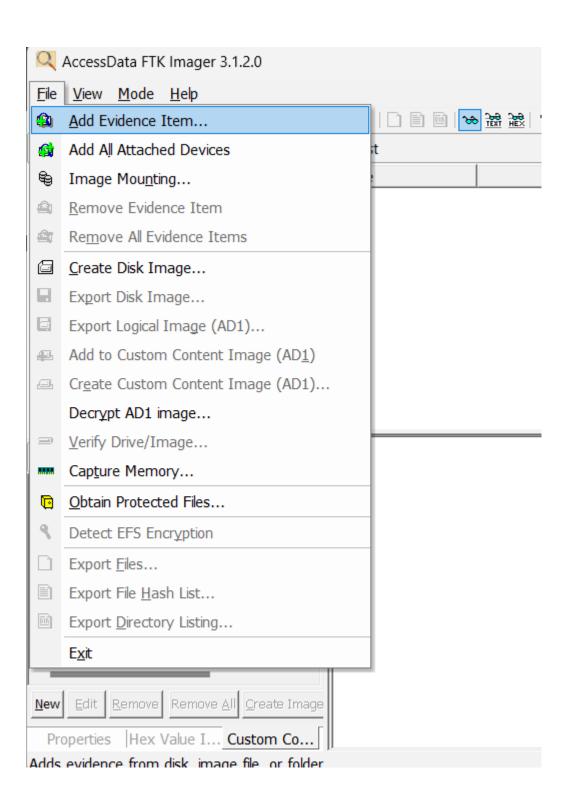
Properties | Hex Value I... Custom Co...

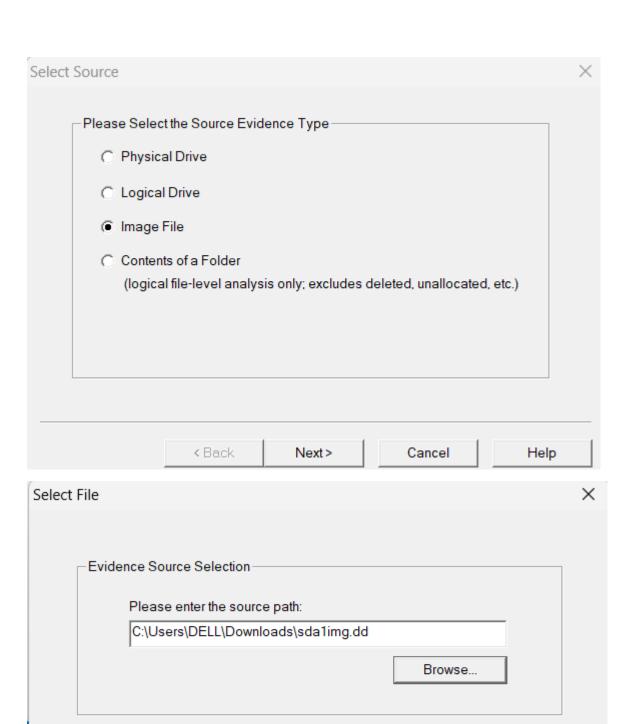
For User Guide, press F1

The wizard is ready to begin installation.



Click Install to begin the installation. If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard. InstallShield < Back Install Cancel Q AccessData FTK Imager 3.1.2.0 - 🗆 Fie Vew Mode Heb Evidence Tree × File List Date Modif... Evidence:File System|Path|File Options





Finish

< Back

Cancel

Help

