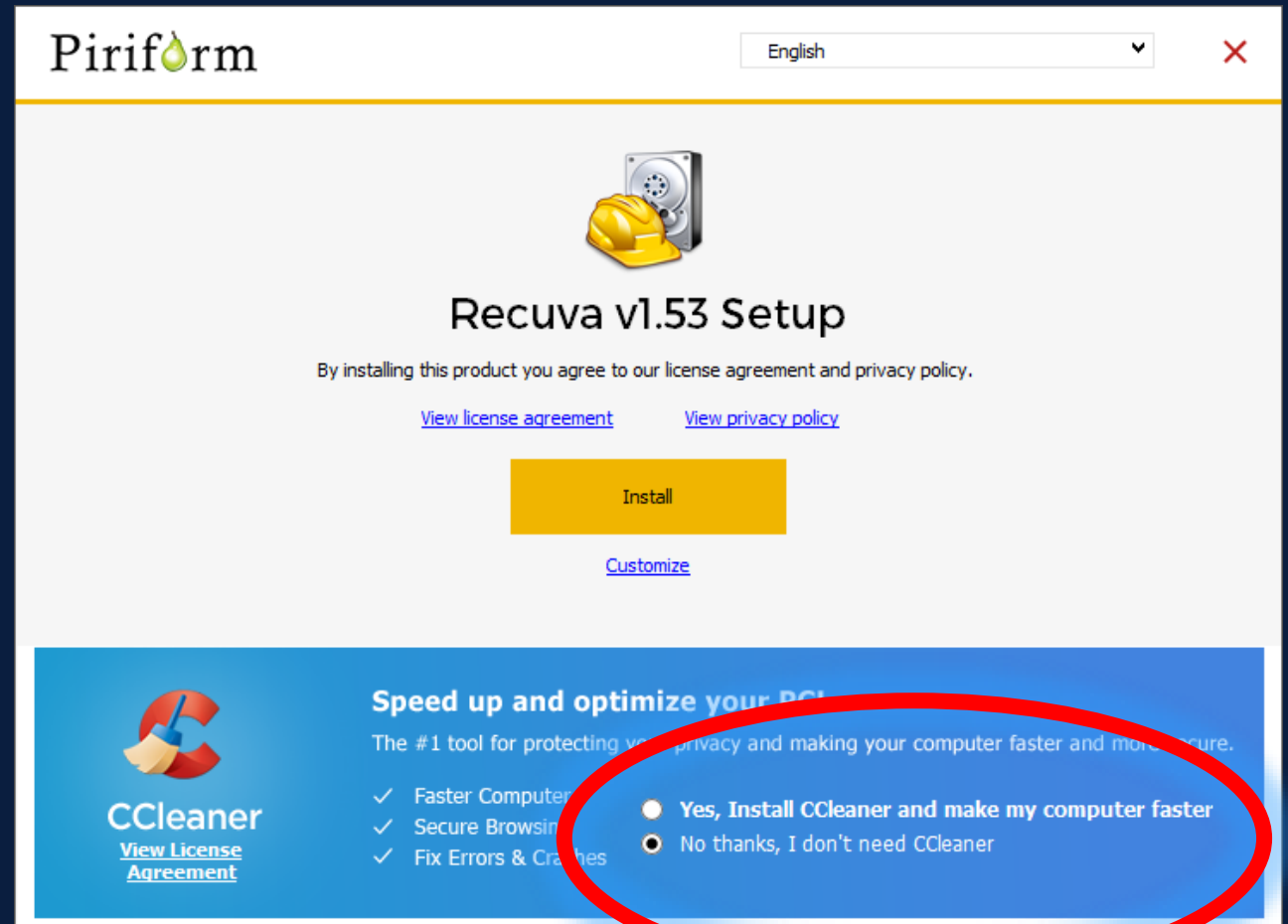


Recuva – Deleted Data Recovery Tool Guide

Installing Recuva

- While installing, watch out for add-ons
- It is free software, so this comes with the territory

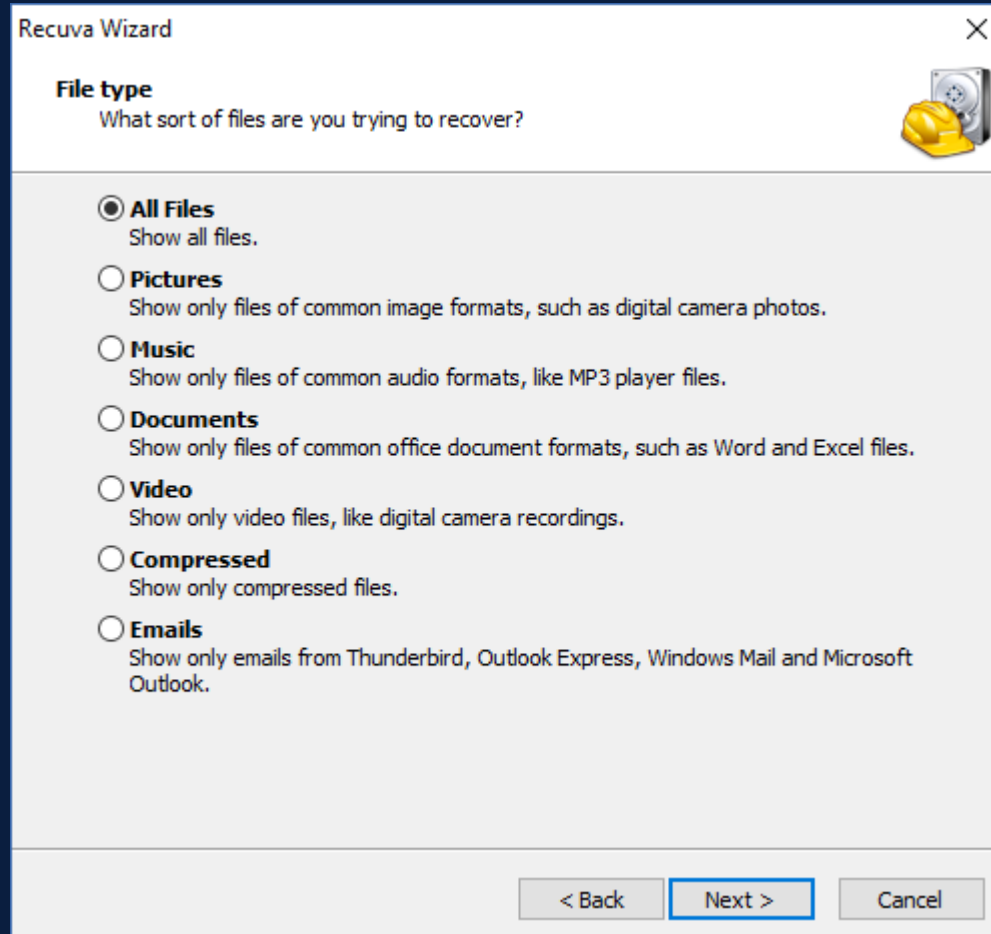


Run Recuva

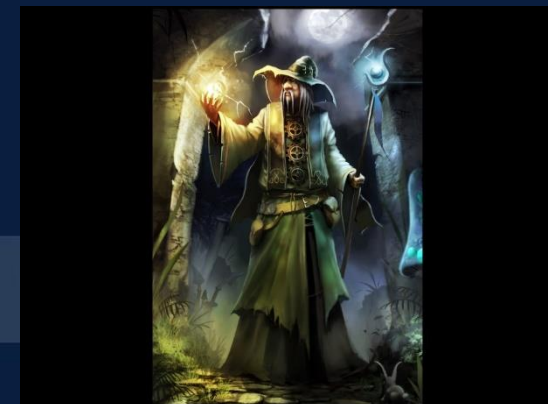
- Once Installed – run Recuva
- It starts with the Wizard
- If you want to use the Wizard, press next, if you don't press cancel



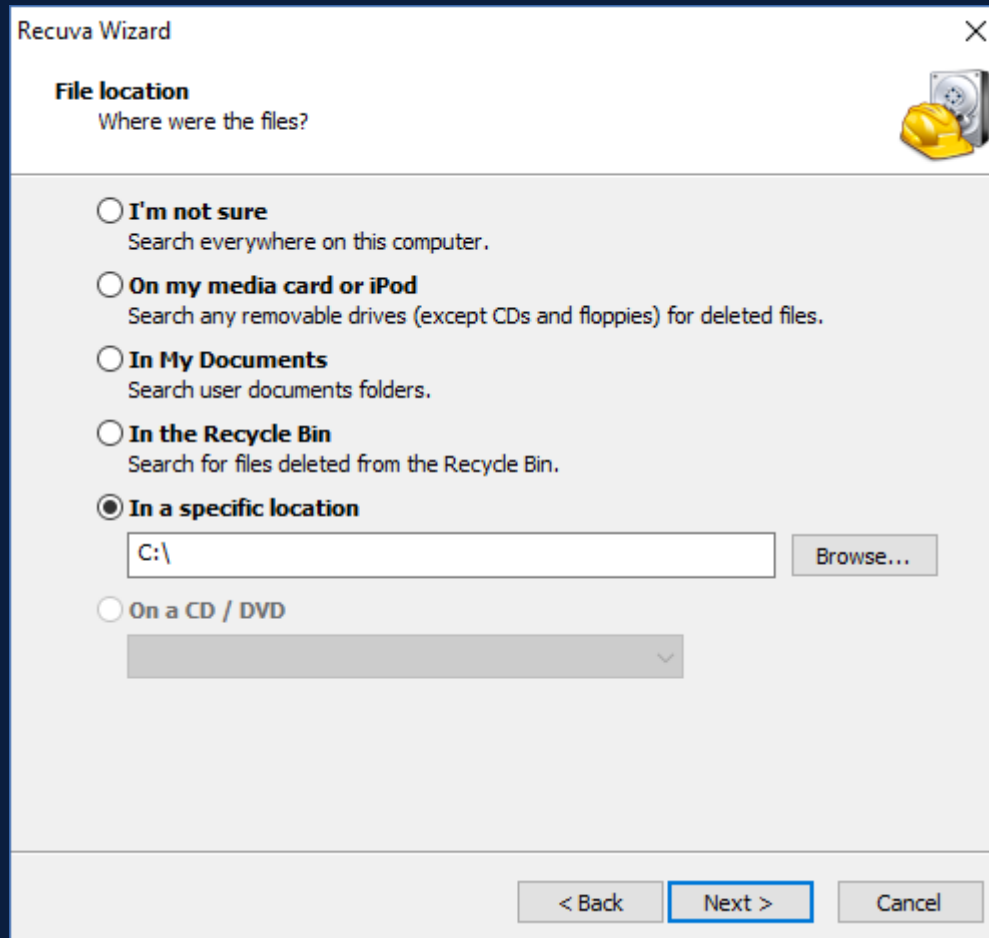
Recuva Wizard



- Select what file types you would like to recover
- For the labs – I would stick with “All files”



Recuva Wizard



The image shows the 'Recuva Wizard' window, specifically the 'File location' step. The window has a title bar with 'Recuva Wizard' and a close button. Below the title bar, the text 'File location' is followed by the question 'Where were the files?'. To the right of this text is an icon of a yellow hard hat and a silver hard drive. The main area contains six radio button options, each with a description. The first option is 'I'm not sure' with the description 'Search everywhere on this computer.' The second is 'On my media card or iPod' with 'Search any removable drives (except CDs and floppies) for deleted files.' The third is 'In My Documents' with 'Search user documents folders.' The fourth is 'In the Recycle Bin' with 'Search for files deleted from the Recycle Bin.' The fifth is 'In a specific location', which is selected with a filled radio button; it has a text box containing 'C:\' and a 'Browse...' button to its right. The sixth option is 'On a CD / DVD' with a dropdown menu below it. At the bottom of the window are three buttons: '< Back', 'Next >', and 'Cancel'. The 'Next >' button is highlighted with a blue border.

Recuva Wizard

File location
Where were the files?

☐ **I'm not sure**
Search everywhere on this computer.

☐ **On my media card or iPod**
Search any removable drives (except CDs and floppies) for deleted files.

☐ **In My Documents**
Search user documents folders.

☐ **In the Recycle Bin**
Search for files deleted from the Recycle Bin.

☒ **In a specific location**
C:\ Browse...

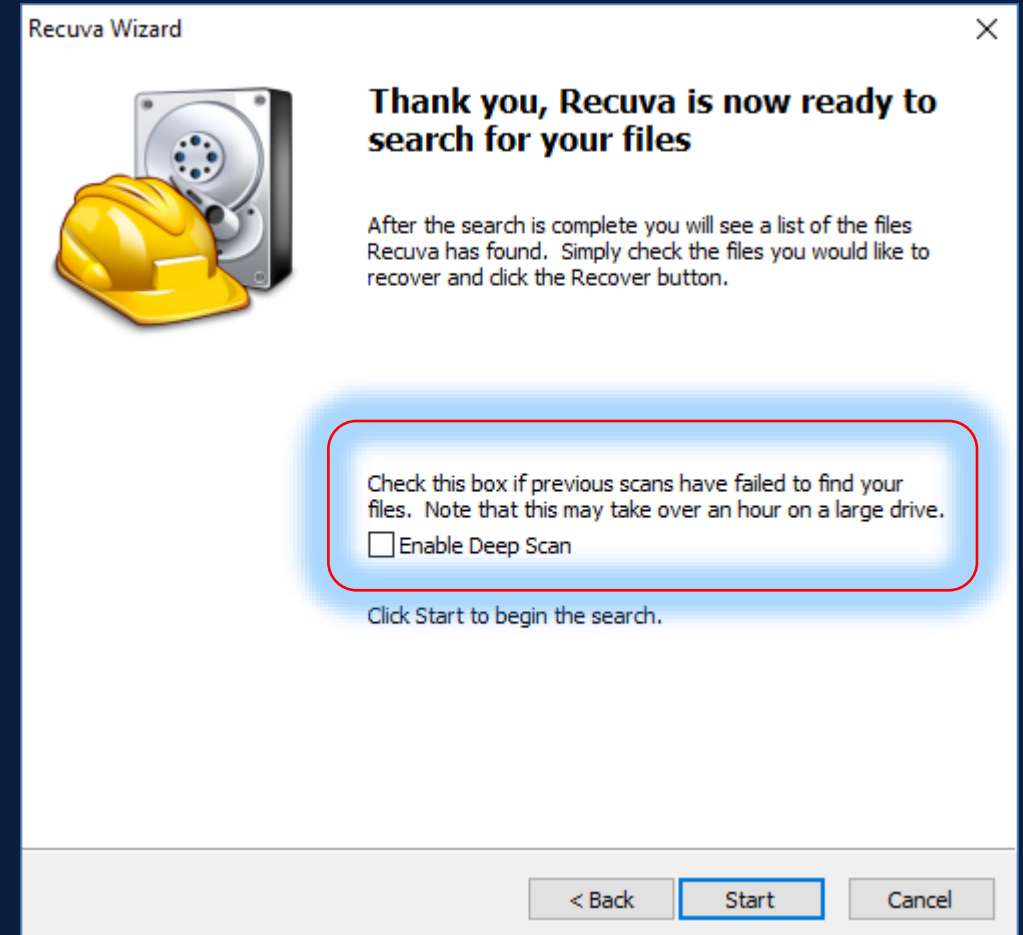
☐ **On a CD / DVD**

< Back Next > Cancel

- Select where the files are that you want to recover
- For the labs – this would be a mounted emulated drive
 - Using FTK Imager – mount the forensic image file to appear as a drive to the OS
 - Point Recuva at this emulated drive

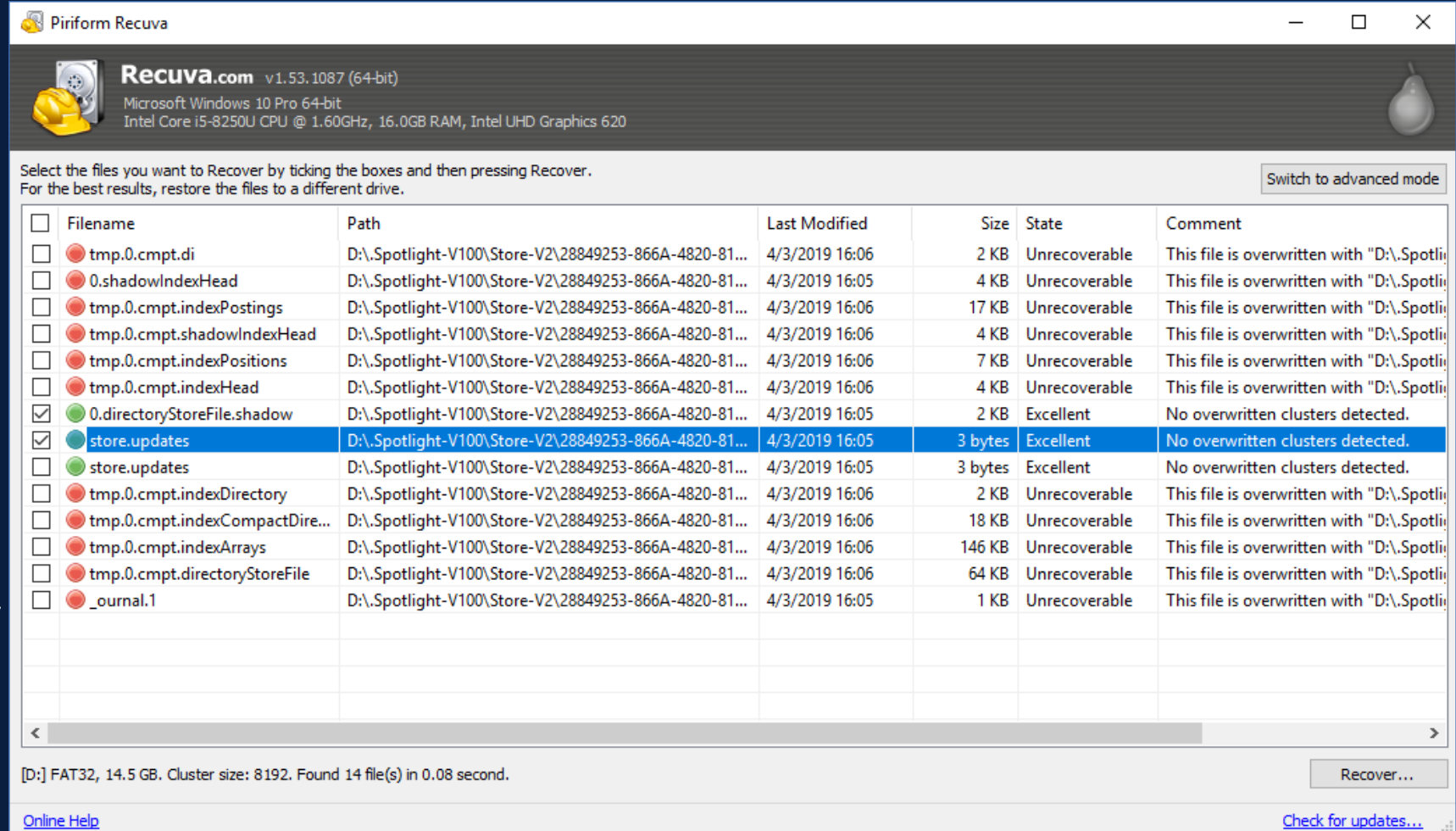
Recuva Wizard

- Great – Recuva is ready to search for your files
- What is Deep Scan?
 - Recuva standard scan looks only at the file system to try and recover deleted entries
 - Deep scan ignores the file system and carves for the files
- Don't worry if you forget to check this box – the option will appear later if no files are found



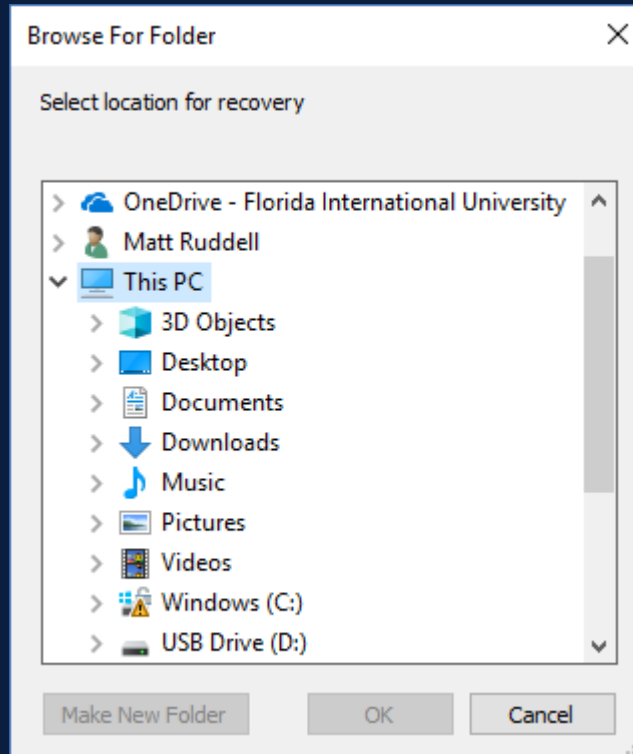
Recuva Wizard

- Yeah – files!
- Red means the file is not recoverable (probably overwritten with another file)
- Green files you want to recover need to be checked



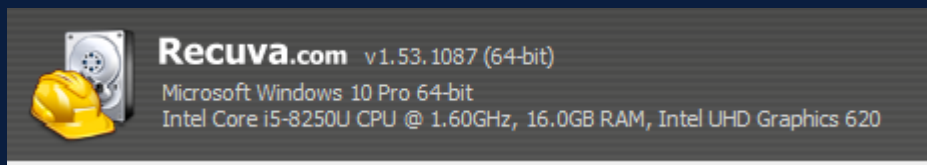
Recuva Wizard

- Once you press Recover you need to select where the files will be written to (I suggest a folder on the desktop)



Advanced Settings

- Feel free to poke around the advanced settings in this tool.
 - Most of these will not be necessary for the purposes of the labs
 - Deep Scan will probably be necessary for the labs
- While not a “forensic” tool, this is a great, free, easy to use deleted data recovery tool



Acknowledge:

- Matt Ruddell
- mruddell@fiu.edu