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Tag, you're it!
Streamlining Privilege Review Using Open Source Tools

Emily Wicki

Digital Forensics Investigator

Insider Threat Investigations

Legal Privilege & The Review Process in a Nutshell

Attorney-Client Privilege:

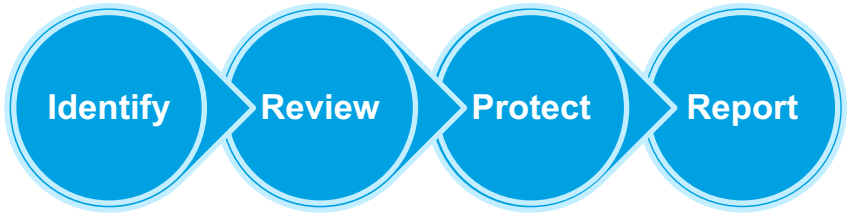
Preserves the confidentiality of communications between lawyers and their clients.

Work-Product Doctrine:

Protects certain prepared materials and information from discovery.

Legal Privilege Reviews:

The exercise of identifying privileged, confidential, and protected information and materials to withhold from discovery.



The nature of digital evidence requires a partnership between legal and technical experts.

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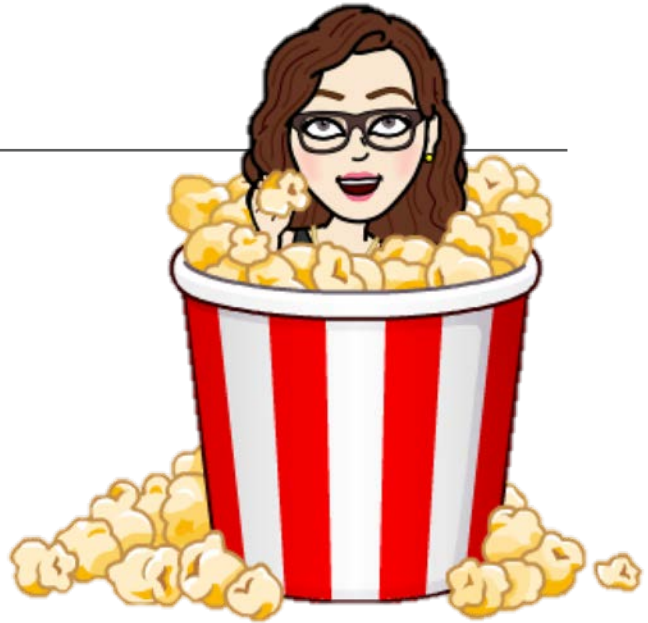
Setting the Scene



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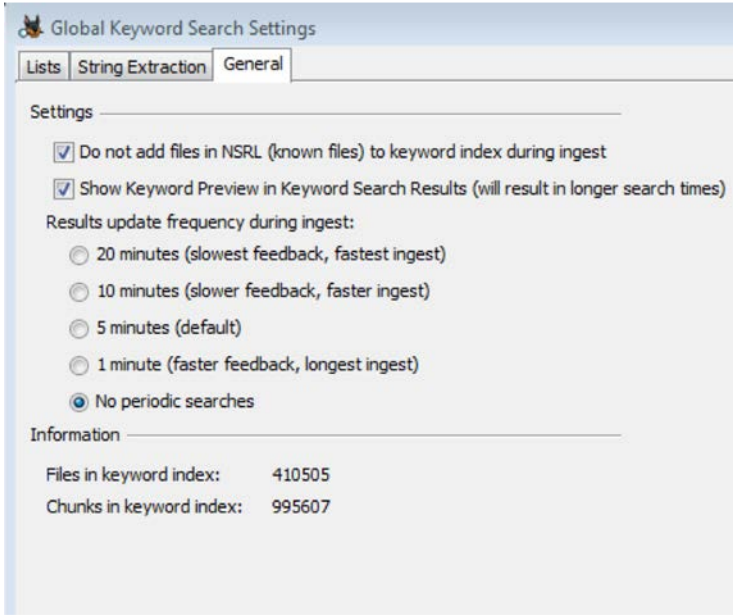
Identifying Potentially Privileged Material

Identifying Potentially Privileged Material

Apply a "Privilege Filter"

Autopsy keyword search:

- Extracts text and strings from more than a thousand file types
- Provides options to
  - Exclude or include "knowns"
  - Search by regex and/or exact match



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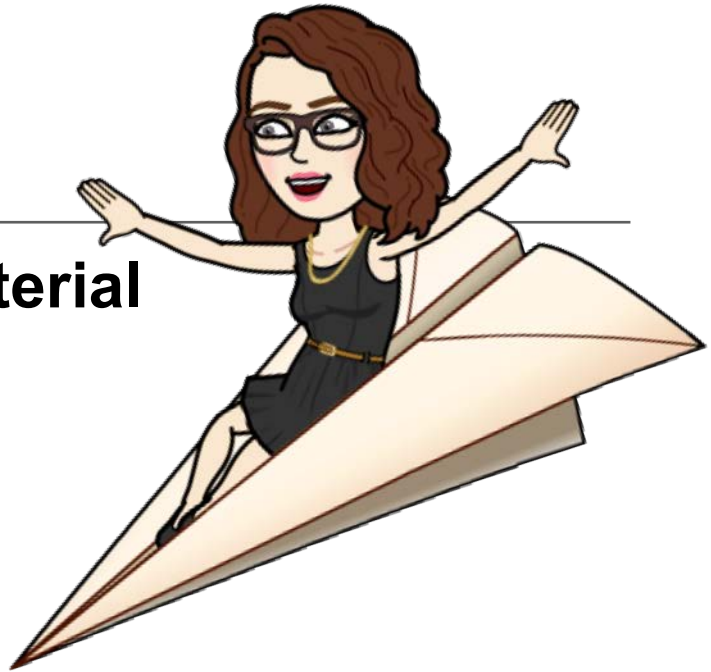
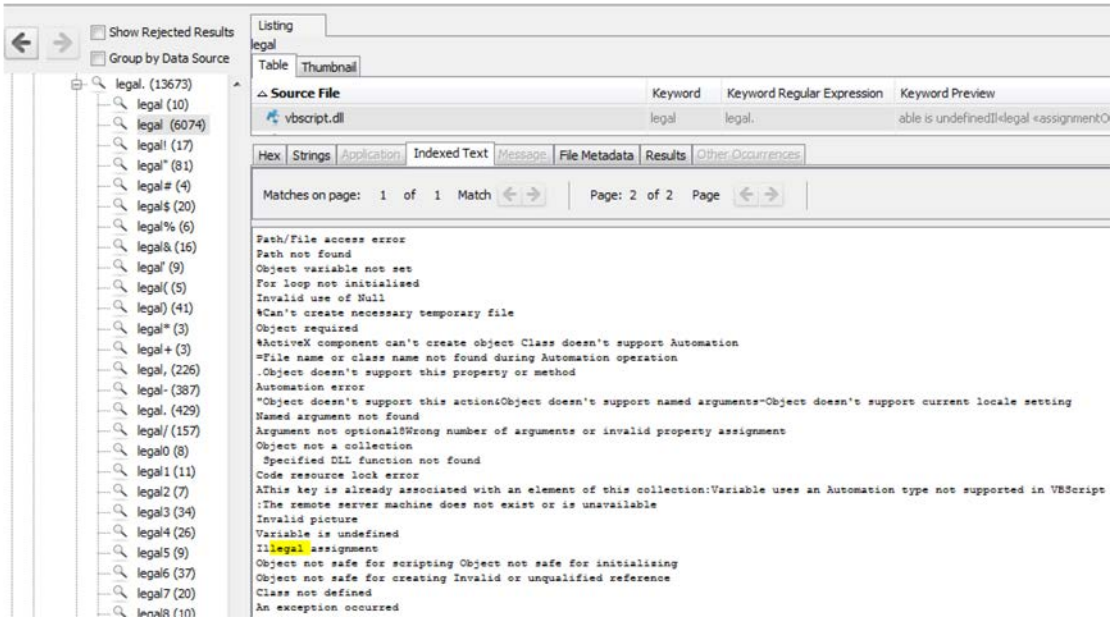
Reviewing Potentially Privileged Material



Reviewing Potentially Privileged Material

Keyword Search Results

- Organized by search parameters
- Appear in the directory tree on the left panel
- Can be reviewed by the forensics examiner
  - For obvious false-positives
  - For hits within technical artifacts



Reviewing Potentially Privileged Material

Tag & Export

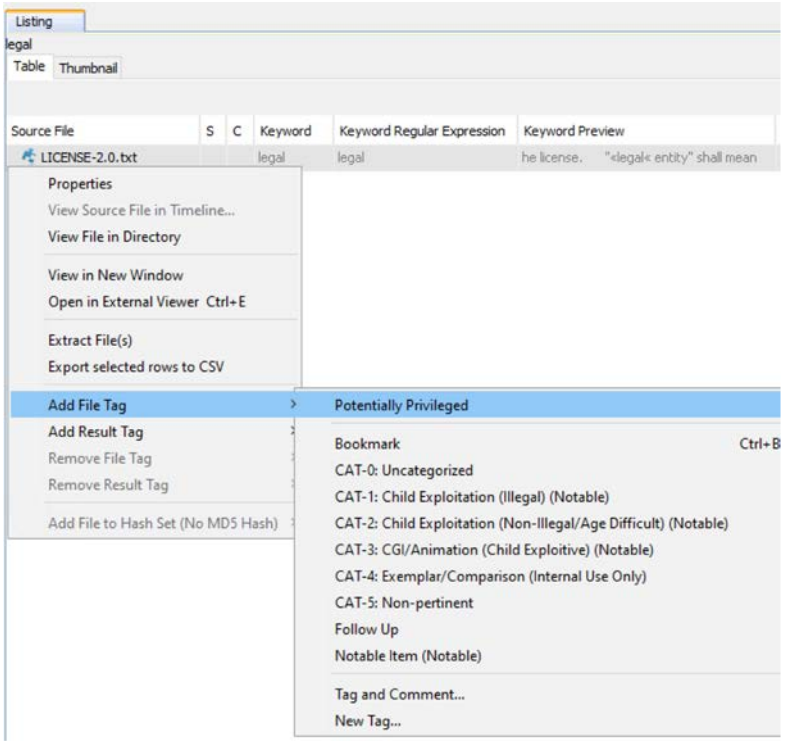
Tag items responsive to the privilege filter

- Take care to “Tag File”
  - (not “Tag Result”)

Generate a report

- A “Portable Case” exports the tagged items along with an Autopsy case file

The tagged items can be reviewed by counsel within Autopsy and tagged to flag actually privileged material



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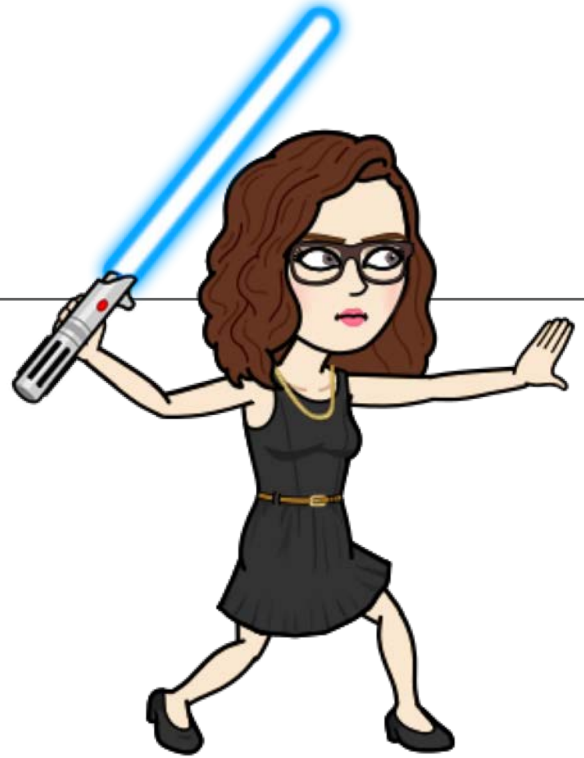

Protecting Privileged Material

Protecting Privileged Material

Use Autopsy & dd

- Open the portable case in Autopsy
  - Identify each privileged item
    - Note its size and location
- Use dd on a copy of the image
  - Overwrite the privileged data with zeros
  - The output is a redacted copy of the image

The redacted image can be reviewed in Autopsy to verify the results are as intended

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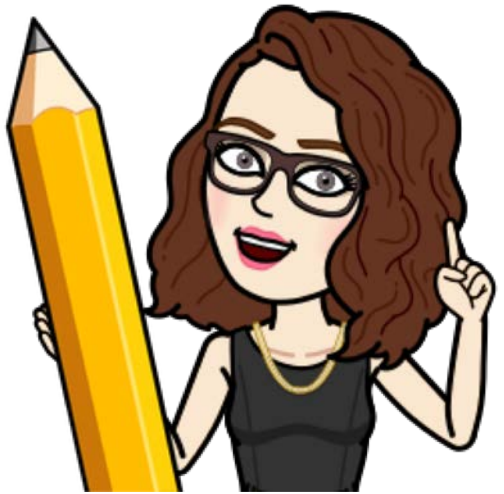
Reporting

Generating a Privilege Log & Documenting Actions

- Built-in logging functionality helps document the examiner's actions
- The Report Generator provides the appropriate options for building your privilege log
  - Select the results tagged as privileged
  - Use the Results Pane to preview information about each file
  - Export the information that's most appropriate for your report



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Questions?