

After viewing the videos, navigate to the 'Message Board' page on the course website.
Follow the instructions there, and then answer these questions while completing the activity.

1. What is the real file type of Document_1?

2. After changing the Document_1 file extension to .zip, what files and subdirectories did it contain?

3. What happened when you attempted to open Document_1.jpg? Why?

4. How did you verify the hexadecimal header bytes for Document_2.pdf?

5. Was there a header for Document_3.txt? If so, what was it? If not, why not?

6. Answer the questions associated with #8 in the activity.
 - A) What do the hex numbers on the left represent?
 - B) What letter did you highlight? What corresponding number became highlighted?
 - C) Did your converted number match the letter from the ASCII chart?

 - D) How many fingers would you need to count in hex?

7. A) What is the real file type of Unknown_1.txt?

B) What is the content of the real file?

8. A) What is the first *color* inside the real Unknown_2 file?

B) Could you have determined this answer just by using Frhed?

Recap

1. How does MS Windows choose which icon to display for a given file?
2. Does this necessarily mean that Windows has chosen the correct file type?
3. Can a user (or hacker) change a file extension to make MS Windows believe it is a different file type?
4. What is a more reliable method of determining a file type?