**File Search Script Documentation**

**Description:**

The File Search script is a Bash script designed to help users search for files based on their size, creation date, and delete files if needed. It provides a simple menu-driven interface for ease of use.

How to Run/Use:

* Open Terminal:
* Navigate to the directory where the script is located.
* Provide Execution Permissions:
* If not done already, grant execution permissions to the script:



* Run the Script:
* Execute the script by typing:



* Follow the On-screen Menu:
* The script will display a menu with the following options:

1. Enter size: Search for files based on size.
2. Enter date: Search for files created after a specific date.
3. Delete: Delete files based on the selected criteria.
4. Exit: Terminate the script.

* Input Options:

Follow on-screen prompts to input size, date, or confirmation for deletion.

View Results:

The script will display a list of files that match the specified criteria.

**Delete Files (Option 3):**

If you choose to delete files, confirm the action when prompted.

**Exit (Option 4):**

Choose the Exit option to terminate the script.

**Menu Options:**

**1. Enter size:**

* Prompts the user to enter a file size in bytes.
* Displays a list of files with a size equal to or greater than the specified size.

**2. Enter date:**

* Prompts the user to enter a file creation date in the format YYYY-MM-DD.
* Displays a list of files created after the specified date.

**3. Delete:**

* Prompts the user to confirm the deletion of files that match the specified criteria.
* Deletes files if the user confirms; otherwise, files remain untouched.

**4. Exit:**

* Exits the script.

Notes:

* Make sure to use caution when deleting files, as this action is irreversible.
* File paths are displayed relative to the current directory.
* The script uses the find command to search for files based on specified criteria.
* Adjust sleep durations in the script to control the time the results are displayed on the screen.

Sources

<https://linuxconfig.org/how-to-use-find-command-to-search-for-files-based-on-file-size>

<https://stackoverflow.com/questions/158044/how-to-use-find-to-search-for-files-created-on-a-specific-date>

<https://ioflood.com/blog/bash-delete-file/#:~:text=To%20delete%20a%20file%20in,txt%20.&text=In%20this%20example%2C%20we%27ve,txt%27>.