AMA-ZING HACK CHENNAI
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Modules

1. Initializer:
        - Sets up the master data by picking up the oldest CSV file from the data repository.

2. Listener: (Uses **Observer Design Pattern**)
        - Sleeps for a short time interval

        - Calls a script filePicker.sh to get a list of new or modified CSV files since the last update.
        - Calls the Updater procedure to update the master data with new information.

3. Updater:
        - Receives the updated CSV file list from Listener
        - Checks the notification table and if any subscriber is to be notifier, calls upon **SubscriberNotifier**.
        - Updates the master data with the updated data from the modified CSV files

4. QueryResponder: *<Currently receives query requests from file. A separate program **Requester** fills the file with queries>*

        - Reads query requests from file and provides the latest information.

5. SubscriberNotifier:
- Pushes out an email to the interested subscribers when a book property has changed satisfying the subscriber's condition.

Areas of improvement:
        - Mechanism to make the data persistent in order to handle unexpected crashes
        - Reduce dependence on temporary files and read from memory