

Conclusion

The application, in its current form, fulfills the customer requirements. This includes the choice of user interface- standard output console stream. The user acceptance test by the user shall pass with flying colors.

Enhancement opportunities

Having developed the application, I have the following improvement recommendations that could be put to the product backlog.

Option for deciding home directory

The current application assumes the OS user home directory as the default directory upon which various file management operations are done. In this application, we captured the user home directory by means of configuration such that this is independent of deployment environment. As a recommendation, it would be good to give a user to have a means to chose a home directory at will instead of the application deciding it for them. Moreover, the application should give an option to work on multiple home directories.

User Interface

Standard output console is not exactly user friendly, future work for changing this to web application/user interface or JavaFX could be considered and necessary product backlog changes made.

Security

The application should be seamlessly integrated to the security facility in Java such that risky operations such as deletion does not leave the deployment platform/OS at risk. Moreover, authentication to the application should be presented for user to access its features.