**SHARED EDITOR**

A mixture of standalone and web application to help during interview process by allowing interviewer and interviewee to share the common editor.

The application is lightweight.

How to use the application:

Interviewer uses the below url to create the initial shared editor

<http://localhost:8080/api/create/editorName>

Here <<editorName>> can be anything (Do not use special characters)

In the UI interviewer gets the name of the file in the format “editorName!@RANDOM\_ALPHANUMERIC\_CHARACTERS”

The interviewer recreate the below URL and send it across the interviewee to access it

[http://localhost:8080/api/create/editorName!@RANDOM\_ALPHANUMERIC\_CHARACTERS](http://localhost:8080/api/create/editorName!@RANDOM_ALPHANUMERIC_CHARACTERS%20)

**Other useful URLS**:

<http://localhost:8080/api/clearcache>

http://localhost:8080/api/clearfile/editorName!@RANDOM\_ALPHANUMERIC\_CHARACTERS

**Conditions**:

Caching mechanism is implemented for the same using WeakHashMap for memory utilization.

Clean up activities happen based on Least Recently Used Mechanism (Time Stamp of 5 minutes)

Admin should clear the cache every morning to have the best performance. The activity deletes all the files created in the server.