

Operation Contract

Hitarth Patel

Contract 1: openFile

Operation: open(fileName)
Cross References: Use Cases: Open File
Preconditions: There is a file to be opened.
Postconditions:

1. A file was successfully opened.
2. Said file is available for editing to the User.
3. display(fileName) was returned to the User.

Contract 2: saveFile

Operation: save(fileName)
Cross References: Use Cases: Save File
Preconditions: There is a file to be saved.
Postconditions:

1. A file was successfully saved.
2. Said file is available for future reference on system.
3. File saved in user specified path

Contract 3: newFile

Operation: newFile(fileName)
Cross References: Use Cases: Create a new File
Preconditions: Text Editor opened.
Postconditions:

1. A file was successfully created.
2. Said file is available for editing to the User.
3. display(fileName) was returned to the User.

Contract 4: extractFile

Operation: extractFile(fileName)
Cross References: Use Cases: Extract File as PDF
Preconditions: There is a file to be extracted.
Postconditions:

1. A file was successfully open.
2. Said file is available for editing to the User.
3. Extract file as pdf and save in the in the same directory.
4. display(fileName) was returned to the User.

Contract 5: Spellcheck

Operation: spellcheck(fileName)

Cross References: Use Cases: SpellCheck File

Preconditions: There is a file to be performed the spell check on.

Postconditions:

1. A file was successfully opened.
2. Said file is available for editing to the User.
3. User starts the spell check.
4. Spell check corrects user mistakes and updates display(fileName)
5. Spell check prompts user to revise changes.
6. User successfully updated file with spellcheck
7. display(fileName) was returned to the User.