

List of Model Classes

- Revision Assistant
 - Holds onto the text currently being edited
 - Can create save states of the progress on the writer
 - Can load saved states of writer progress
 - Keeps track of who was editing the code per revision
- Edit Assistant
 - Handles typing packets sending and receiving them from the server
 - Handles styling (tabs, newlines, fonts)
 - Annotations
 - Color
 - Handles margins and type space
 - Creating new files
 - File types(Word doc, etc.)
- Chat Assistant
 - Communication with the server for sending and receiving messages
 - Creates message packets for the server
 - And sends isTyping() packets to the server
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- User Assistant
 - Handles login information(split string)
 - Handles file permissions
 - Has an Owner instance for each owner
 - This will be where all server communication commands are happening essentially
 - Every time a user makes an action we need to send to the server it happens in here(keystrokes, deleting, who is editing, who is typing)
- User //NEW NEW NEW
 - Handle all commands that a user can execute
 - User(String credentials, base permissions)
 - isTyping()
 - sendCharacter()
 - saveToFile()
 - saveToServer()
- FileAssistant //NEW NEW NEW
 - Used to help us get out file from the server, used mostly for serialization reading and writing from the file.
 - Loads and stores our states from our revisions