

Sequence diagram for the Terminal Screen project

The sequence diagram below represents the sequence or flow of the program.

Diagram Explanation:

1. **User** → **System**: Each command from the **User** (such as **Setup Screen**, **Draw Character**, **Draw Line**, etc.) is sent as a byte stream to the **System**.
2. **System** → **Screen**: The **System** processes each command and then sends the corresponding details (coordinates, color, text, etc.) to the **Screen**.
3. **Screen**: The **Screen** receives commands and renders the display accordingly (sets up the screen, draws characters, lines, text, clears the screen, etc.).

