Fractal OS: User’s Manual

Table of Contents

1. Overview
2. Summary of Commands
3. Command Descriptions
   1. Use
   2. Examples
   3. Possible Errors
4. Summary of Error Messages
5. Index

I. Overview

Hello! Fractal OS is an operating system designed to meet your technological needs. Fractal operates on a menu-based interface. This means that you press a specific key corresponding to a specific command (we’ll go over those shortly) and then the command is executed. Fractal currently supports commands that can display your system’s date, a useful help page, the current running version of Fractal, and the names of any files located in Fractal’s current directory. Fractal was written in the C++ programming language which allows it to operate very quickly and it is also basically fool proof. It’s really hard to accidentally cause Fractal to crash. Let’s continue with a summary of Fractal’s available commands.

II. Summary of Commands

1. [V] – Version: Displays the current running version of Fractal OS.
2. [D] – Date: Displays the current system date.
3. [F] – Files: Displays the names of all files located in Fractal’s current directory.
4. [H] – Help: Displays a useful help page that explains each command.
5. [E] – Exit: Exits Fractal OS after asking the user if they are sure they want to exit.

III. Command Descriptions

1. [V] – Version
   1. Use: To use Version, simply press the “V” key on the keyboard and then press the Enter key while in the main menu.
   2. Example: If the user presses “V” and then Enter, they should see something like “Fractal version 1 is running!” Then, they will be prompted to hit Enter again to return to the main menu.
2. [D] – Date
   1. Use: To use Date, simply press the “D” key on the keyboard and then press the enter key while in the main menu.
   2. Example: If the user presses “D” and then Enter, they should see something like “Current date: 12/02/1993”. Then, they will be prompted to hit Enter again to return to the main menu.
3. [F] – Files
   1. Use: To use Files, simply press the “F” key on the keyboard and then press the Enter key while in the main menu.
   2. Example: If the user presses “F” and then Enter, Fractal should automatically display a list displays the files inside of its directory. The user will then be prompted to press Enter again to return to the main menu.
   3. Possible Errors: It is possible for Fractal to run into a problem opening the directory it is located in. This error will display itself as "Error! Fractal encountered a problem opening the directory!" It won’t cause any problems and will only send you back to the main menu. If this happens, make sure you have administrator privileges on your PC.
4. [H] – Help
   1. Use: To use Help, simply press the “H” key on the keyboard and then press the Enter key while in the main menu.
   2. Example: If the user presses “H” and then Enter, Fractal should display a help page that describes each command. The user will then be prompted to press Enter again to return to the main menu.
5. [E] – Exit
   1. Use: To use Exit, simply press the “E” key on the keyboard and then press the Enter key while in the main menu. Then, if you’re sure you want to exit press the “Y” key and then Enter to exit Fractal. If you wish to return to the main menu, simply hit the “N” key and then enter.
   2. Example: If the user presses “E” and then Enter, Fractal will ask the user again if they’re sure they want to exit. If the user chooses yes, then they will be prompted to hit enter one last time to close the program.

IV. Summary of Error Messages

1. Directory Error
   1. Looks like: "Error! Fractal encountered a problem opening the directory!"
   2. Solution: This means that Fractal had a problem accessing the directory it is located in. The issue could be internal to Fractal, but it is most likely caused by the user not having administrator privileges on their PC.

V. Index

Date, II-II, III-II

Directory Error, IV-I

Exit, II-V, III-V

Files, II-III, III-III

Help, II-IV, III-IV

Version, II-I, III-I