

interactiveMode: indicates whether the mode is interactive

Private methods:

- **parseCommand:** takes a string representing the command input, uses `istringstream` to split the command line into tokens based on whitespace
- **executeCommand:** takes a vector of strings and decides how to execute the command. If the command is `cd`, it delegates to a **commandCD** object to handle the change directory operation. For other commands, it prepares arguments for **execvp** and uses **fork** to create a child process where the command is executed. Parent process waits for the child's completion using **waitpid**.
- **join:** utility function to concatenate elements of a `vector<string>` into a single string.

Public Methods:

- Constructor: initializes the **ModeHandler** with a boolean indicating if it's in interactive mode
- **run:** takes command line input as a string and executes the command.