

User Documentation

Purpose:

This program reads, names, stores, and operates on recipes. Operations include combining a set of recipes to arrive at a combined ingredient list, combined equipment, and combined instructions. They also include taking inventory lists of available ingredients and equipment and subtracting them from combined lists to arrive at shopping lists of needed items.

Commands:

0. Exit the program
1. input recipe file <filename>: opens and reads a file containing recipes, storing each recipe as a separate item, named using the title provided in the recipe file.
2. input inventory file <filename>: opens and reads a file containing inventory information, combining it with existing inventory information, if any.
3. subtract inventory file <filename>: opens and subtracts inventory lists from a file from the current inventory lists
4. add <recipe name>: adds a recipe from those stored to a current menu list
5. remove <recipe name>: removes a recipe from the current menu list
6. resets current menu list to the empty set
7. output menu <filename>: opens and writes the current menu to a file in RBML
8. prints the current menu list to the console in formatted plain text

9. print <recipe name>: find recipe if stored and print it to the console in formatted plain text
10. increase <ingredient inventory item>: add/increase inventory item to the current inventory list
11. reduce <ingredient inventory item>: decrease/remove item from the current inventory list
12. insert <equipment inventory item>: add inventory item to the current inventory list
13. delete <equipment inventory item>: remove inventory item from the current inventory list
14. print ingredient inventory: print ingredient inventory to console in formatted plain text
15. print equipment inventory: print equipment inventory to console in formatted plain text
16. print ingredients list: combine ingredient lists of recipes in current menu and print the combined ingredient list to the console in formatted plain text
17. print ingredient shopping list: combine ingredient lists of recipes in current menu, subtract the ingredient inventory list, and print the missing ingredient list to the console in formatted plain text
18. output ingredient shopping list <file>: combine ingredient lists of recipes in current menu, subtract the ingredient inventory list, and store the combined ingredient list to the named file in RBML ingredient list format
19. print equipment list: combine equipment lists of recipes in current menu and print the combined equipment list to the console in formatted plain text
20. print equipment shopping list: combine equipment lists of recipes in current menu, subtract the equipment inventory list, and print the needed equipment list to the console in formatted plain text
21. output equipment shopping list <file>: combine equipment lists of recipes in current menu, subtract the current equipment inventory list, and store the combined equipment list to the named file in RBML equipment list format
22. help

It is also possible to pass commands into the program from the command line, the commands are as follows:

- s : starts the program in silent mode
- v: starts the program in verbose mode
- r <filename>: adds a recipe file to the program
- l <filename>: adds an inventory file to the program