**Help file details for command line**

|  |  |  |
| --- | --- | --- |
| **Function** | **Shortcut** | **Help text** |
| run | r | Runs Umlify with the current file settings. Other commands are used to change them :return: |
| pie | p | Makes a chart about a class :param comp\_name: the name of the class to make a chart of :param output\_file\_name: the file name for the chart to output to :return: |
| bar | b | Makes a bar chart of the current file comparing the attribute to function ratio of each class within that file :param output\_file\_name: the file name for the chart to output to :return: |
| line | li | Makes a line chart of the current file comparing the attribute to function ratio of each class within that file :param output\_file\_name: the file name for the chart to output to :return: |
| validate | v | Validates a file without passing it to be drawn :return: None |
| file | f | Selects a file as input to Umlify :param file: the name of the file to be used as input :return: None |
| directory | d | Selects a directory as input to Umlify :param directory: the name of the directory holding files to be used as input :return: None |
| location | l | Selects a destination location for the output files :param location: :return: None |
| type | t | Allows the user to define the type of file that they want the output to be saved as :param file type: type of file to be saved as :return: |
| shelf | s | Writes and reads Component objects extracted from the currently selected file to [filename].shelve  Syntax: shelf [flag] OR s [flag] shelf -w: writes the class components of selected file to [filename].shelve  User will be prompted to give a name for shelve file shelf -r: reads the contents of shelve file  User will be prompted to input name of shelve file :param flag: -w, -r :return: By default (without flag), prompted with whether user would like to write or read |
| database | db | Save and read class component data with a database.  Syntax: database [flag] OR db [flag] db: displays all data and the number of components stored in the database db -i: inserts the class components of currently selected file to the database db -v: displays the class components of a certain filename within the database  User will be prompted to enter a filename  :param flag: -i, -v :return: db values |
| quit | q | Quit Umlify :return: True |
|  |  |  |

**Command Aliases**  
do\_r = do\_run  
do\_p = do\_pie  
do\_b = do\_bar  
do\_li = do\_line  
do\_v = do\_validate  
do\_f = do\_file  
do\_d = do\_directory  
do\_l = do\_location  
do\_t = do\_type  
do\_s = do\_shelf  
do\_db = do\_database  
do\_q = do\_quit