Simpl-Py 0.0.1

Library Reference

Intro

Simpl-Py is a Python 3 coded language made to create a simpler version of Python in an organized and professional format. It may be considered as an independent language.

Version: 0.1.0 Unstable Release

This version features the first update to the original Simpl-Py release! This update adds everything from major bug fixes, to an organization rework.

This reference was made to give the user an advanced understanding on how to use Simpl-Py. The docs will be updated every minor and patch version, and re-built every major version.

(There may be simple errors due to the unstable release.)

Package Files

When you download the `0.1.0` package file from GitHub, it will be stored on your computer as a ZIP folder.

!!! YOU MUST UNZIP THE FOLDER BEFORE STARTING SIMPL-PY !!!

Here is an organization and explanation of the files in the package folder:

- Simpl-Py 0.1.0 ZIP Folder
    - ‘Extras’ folder : Contains copyright, change log, and credits
    - ‘media’ folder : Contains Simpl-Py logo files
    - ‘Simpl-Py 0.1.0’ exe : Click this to run Simpl-Py
    - ‘Python File’ py : Access the Python code
    - ‘0.1.0 Library Reference’ pdf : Access the Library Reference
    - ‘Report Bug’ link : To report a bug, click this
    - ‘README’ txt : Read this before starting Simpl-Py

Starting Simpl-Py

When you run Simpl-Py, you will be given simple system stats and some welcome text. It will tell you the version number, the last updated date, and give you a list of commands for more info.

Starting commands:

- help : report a problem
- copyright : see copyright info
- credits : see credit info

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‘print’ function:

Typing ‘print’ is the basic print function. You will be asked, ‘Print What?’ Now, you can type anything you want to be printed. After entering, the computer will print out your text.

Other Print Functions:

[blank].print will tell the computer **how** to print

print_[blank] will tell the computer **what** to print

‘echo.print’ function:

This is a different type of printing that will cause your text to be printed multiple times. Typing the function will ask you, ‘Echo What?’ You can now type anything you want to print. Next, you will be asked, ‘Echo Amount?’ Type an integer that states how many times you want to print the text. The computer will now echo your text.

‘print_math’ function:

This will print math equations. You will be asked for the first integer, operator, and second integer. The computer will print out the math equation and the answer.

‘print_var’ function:

This will print the value of a variable. You will be asked, ‘What Variable?’ Type back the desired variable name and the computer will print out the value of that variable.

‘/get’ command:

This command can retrieve info. Just type /get and enter one of these names:

- system_info : shows your system info

‘/find’ command:

This command will ask you, ‘Find What?’ Just type in any command or function and it will give you doc info on it.

‘/Simpl-Py’ command:

This command will ask you, ‘Simpl-Py Command?’ You can then type any of the following:

- last_updated : shows Simpl-Py last update date
- version : shows the current Simpl-Py version
- available : shows where Simpl-Py is available
- docs : gives a website link to the documentation
- web_link : gives website links to Simpl-Py and Zer0
- change_log : brings you to the change log
- beta_version : unlocks beta version (if available)
- i_care : type this if you deeply care about Simpl-Py
- create_date : type this to get the Simpl-Py creation date

Variables:

There is only one variable that you can make for now, but we will add more eventually. The variable is named ‘var1’ and the name cannot be changed (for now). It is set to 0 each time you run the project. To change the value, type ‘var1’ and you will be asked for a new variable value. Type any text or number amount. See the print section above to learn how to print the value.

Commenting:

To comment, just type a non-command string. The computer will ignore it. This also means that any wrong code will not register.