

Escape Sequences

Escape	What it does.
\\	Backslash (\)
\'	Single-quote (')
\"	Double-quote (")
\a	ASCII bell (BEL)
\b	ASCII backspace (BS)
\f	ASCII formfeed (FF)
\n	ASCII linefeed (LF)
\N{name}	Character named name in the Unicode database (Unicode only)
\r	Carriage Return (CR)
\t	Horizontal Tab (TAB)
\uxxxx	Character with 16-bit hex value xxxx
\Uxxxxxxxx	Character with 32-bit hex value xxxxxxxx
\v	ASCII vertical tab (VT)
\000	Character with octal value 000
\xhh	Character with hex value hh

Sys

Sys - Link for System-specific parameters and functions

Reading and writing files

If you did the Study Drills from the last exercise, you should have seen all sorts of commands (method-s/functions) you can give to files. Here's the list of commands I want you to remember:

- `close` – Closes the file. Like File->Save. . . in your editor.
- `read` – Reads the contents of the file. You can assign the result to a variable.
- `readline` – Reads just one line of a text file.
- `truncate` – Empties the file. Watch out if you care about the file.
- `write('stuff')` – Writes "stuff" to the file.
- `seek(0)` – Move the read/write location to the beginning of the file.

Functions

Functions do three things:

1. They name pieces of code the way variables name strings and numbers.
2. They take arguments the way your scripts take `argv`.
3. Using 1 and 2, they let you make your own "mini-scripts" or "tiny commands."

References



Mohammed Foughali, Bernard Berthomieu, Silvano Dal Zilio, Félix Ingrand, Anthony Mallet, and Anthony Mallet Model, Model Checking Real-Time Properties on the Functional Layer of Autonomous Robots, Tech report, 2016.



Zed a. Shaw, Learn Python 3 The Hard Way, Icarss 2014 (2014), no. 1, 1–5.

Thank you !

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