SVG File Generator

Updated 9/5/2022 by Nick Steele

This is a generator for creating many SVG files with different text. Files will be generated from a template SVG, and will be output to a folder. Optionally, they may be zipped into one file for emailing.

# Usage

**Requires python >3.2.** I intend to create a command-line interface. For now though, just set input and output files in the python file directly. Use as follows:

**cd <root-dir>**

**python ./gen.py**

# Example

Start with an input CSV and a template. The first row of the input CSV must be a “variable name”, i.e. a string to be replaced in the template with that column’s data. See CSV and template examples below.

|  |  |
| --- | --- |
| Graphical user interface, table  Description automatically generated  *CSV file* | Logo  Description automatically generated*Corresponding template file* |

The template will be replaced with the text in the column of the text to replace. For example:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  |  |  |  |

# Handy Tips

* Make sure the text to be replaced is aligned/justified correctly (“$FIRSTNAME” above had to be justified to the center)
* Don’t use anything in the variable name that might make it also exist elsewhere in the file. A common choice is to choose a name and make it unique via a dollar sign (like above), enclosing dollar signs (“$FIRSTNAME$”), or double enclosed curly braces (“{{FIRSTNAME}}”).
* This will automatically zip all output files if you specify a file name for the variable **ZIP\_FILE**
* This will also create a simple checklist including all generated files if you specify a file name for the variable **CHECKLIST\_FILE**