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.
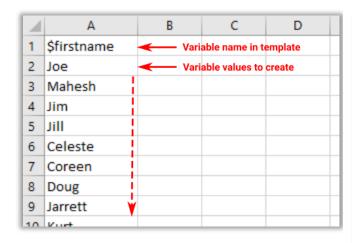
Usage

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.

CSV file

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`