

How to update map text

How it works

Map text is controlled by the content of several excel tables (".csv" files). We then convert the information in these tables to a format that can be used by the website (".json" format / the file `map_text.json`) and upload it to GitHub. The process is as below:

1. Edit text tables
2. Convert to .json
3. Upload to GitHub

Currently you can just do (1) and send the edited csv files to Maija. She will convert and upload them.

1. Editing text tables

Download the whole contents of our GitHub repository so you have up to date versions of all files. Tables (.csv files) are located in `waterfrontmap/Processing/Text`. To update them, open them in Microsoft Excel and edit them according to the instructions below. Text must use [HTML formatting](#) and avoid special characters.

- `story_text.csv`: specifies content of story tab of the map
This table specifies the content of the story presentation. Each row contains the information to display a "page" of the story (total pages is the number of rows minus one). Story pages have 6 properties:
 - `pageIdx`: controls advanced formatting of page. Either `0` or `1`
 - `0` enable the map to show information about a SMA when the mouse passes over it.
 - `1` to do nothing on hover.
 - `pageSMA`: controls what SMA is zoomed in on on page. SMAs go from the number 1-7. Enter `0` to leave the map zoomed out.
 - `pageLayer`: controls what data layer is shown on the map. Enter layer name **exactly** as it is specified in `layer_text.csv`.
 - `BulkLayers`: controls what bulk storage sites are shown in addition to the map data. Enter each name exactly as specified below, separated by commas and no spaces between names. (i.e. `Bulk Storage Sites,MOSF,CBS,SUPERFUND2`).
 - `Bulk Storage Sites` (Toxic release inventory sites)
 - `MOSF` (Major oil storage facility)
 - `CBS` (Chemical bulk storage)
 - `SUPERFUND2` (Superfund class 2 sites)
 - `pageTitle`: specify title text of story page. If it must be formatted use HTML formatting, no special characters.
 - `PageText`: specify text of story page. If it must be formatted use HTML formatting, no special characters.
- `layer_text.csv`: specifies the names and descriptions for map data
Each row contains the information for a single map layer. **The only field you should be editing in this file is the "text" column.** This controls the Description text of that data on the map.
- `smia_text.csv`: specifies SMA names, numbers, descriptions, and map info
Each row contains the information for a single SMA. **Only the "description" column should be modified.** This controls SMA description displayed after hovering over a SMA.
- `legend_text.csv`: specifies legend entries and colors. **Do not modify this file.**

2. Converting to .json

To convert the .csv tables to a .json file, you'll need to use `python 3`. You can either use an online python interpreter or install `python 3` and `pandas` on your machine.

METHOD A - use online python interpreter (recommended)

1. Find an online python interpreter (google "online python interpreter"). I recommend [repl.it](https://repl.it/repls/TangibleUntriedGnudebugger) if available (<https://repl.it/repls/TangibleUntriedGnudebugger>).
2. Upload all csv files and the file `text_conversion_online.py`.
3. Install the package named `pandas` (see below images)
4. Run `text_conversion.py` (see below images)
5. The file `Processing/Text/map_text.json` should now be created! Download it (see below images).
6. Check output file (`Processing/Text/text_conversion_oe.txt`) for any information on errors. See below for details on how to correct them.

METHOD B - install python on your computer

1. Install `python 3` on your computer (<https://realpython.com/installing-python/>)
2. Make sure you are connected to the internet, and double click the file `Processing/text_conversion.py`. The python package `pandas` will be installed.
3. The file `Processing/Text/map_text.json` should now be updated!
4. Check output file (`Processing/Text/wfm_text_conversion_oe.txt`) for any information on errors. See below for details on how to correct them.

3. Uploading to GitHub

If you know how to use GitHub just push or submit a push request. Otherwise, go to our GitHub and upload the whole `Processing` folder using the upload button (see images below).

Troubleshooting

Things might not work when you first try to update. Before contacting us, check if you made any of these common mistakes.

1. Using special characters- this may not be obvious, especially if text was copied and pasted from a pdf or word document. Try copying and pasting from notepad or similar program. Also remember that m-dash is a special character. If you absolutely must use a special character, use HTML.
2. Incorrect layer names- this can cause all sorts of errors or bugs in the map display. Make sure that layer names are always spelled the exact same way.
3. Not waiting long enough- GitHub takes time to update it's raw files (5-20 min usually) and GitHub pages also takes time to update. Don't expect changes to be reflected on the website instantaneously after an upload or push.