# CallWeb Converter

NOTE:

This program may not produce the exact CallWeb code that you need. The program currently produces snippets of code for the survey section and table section of a .scw file. It does not produce a fully complete .scw file.

Please use the code produced in an appropriate .scw file for your project

The following features will have to be manually added to the code produced:

Intro and closing sections,

Skip and display conditions,

Rotation functionality,

The exact styling found in a questionnaire doc (only the text of a word doc is read in, the styling of words are ignored)

# Pre-reqs

* Download the latest version of Python [here](https://www.python.org/downloads/)
* Run this command in your terminal:
* pip -h
* if this is what you see (you're good to go)

A screenshot of a computer

Description automatically generated

* If you see the following error:
* The term 'pip' is not recognized as the name of a cmdlet, refer [here](https://bobbyhadz.com/blog/the-term-pip-is-not-recognized-as-the-name-of-a-cmdlet)
* If pip is installed properly, install the dependencies for the code by running this command in your terminal:

pip install -r requirements.txt

# Template

Please reuse one of the templates in the templates folder for your survey template. For your survey to be converted to CallWeb code, you must follow the template as such:

Questions must start with a 'Q' followed by any digit 0-99 followed by '.'

Example: Q1. The……

Section headers must precede questions and be in all caps:

COMMUNICATION AND ENGAGEMENT

Note: the style and color doesn't matter, since only the text will be read

Section descriptions must come between section headers and questions:

COMMUNICATION AND ENGAGEMENT

**Please tell us about your communications preferences.**

**Q2. How do you prefer how clients communicate with you**

Question codes must be formatted as numbered lists:

**Q2. What is your favorite city in BC?**

1. **Victoria**
2. **Vancouver**
3. **other**
4. **Don't know**

Note: the numbers in codes will not be extracted, but will be assigned based on the order in which they appear in the word document, e.g.:

1. **Option a => 1**
2. **Option b => 2**
3. **Option c => 3**

Any code which contains "Don't know", "prefer not to answer", "no response", "not applicable", "prefer not to answer”, "no opinion" will be assigned the number 99.

Any code which contains "other" or "please specify" will be assigned the number 66.

Tables must be formatted where the main question comes before the table and all related sub questions are within the table :

Q2. **Rate your satisfaction with the municipality of Orca town's efforts in the following categories**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Very Dissatisfied  1 | 2 | 3 | 4 | Very Satisfied 5 | DK/NA/NR |
| Affordable housing | 1 | 2 | 3 | 4 | 5 | 9 |
| Business licensing | 1 | 2 | 3 | 4 | 5 | 9 |
| Tourism | 1 | 2 | 3 | 4 | 5 | 9 |
| Arts and culture | 1 | 2 | 3 | 4 | 5 | 9 |

Note: if there isn't a question before the table, please add a blank one like this:

Q2.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Very Dissatisfied  1 | 2 | 3 | 4 | Very Satisfied 5 | DK/NA/NR |
| Affordable housing | 1 | 2 | 3 | 4 | 5 | 9 |
| Business licensing | 1 | 2 | 3 | 4 | 5 | 9 |
| Tourism | 1 | 2 | 3 | 4 | 5 | 9 |
| Arts and culture | 1 | 2 | 3 | 4 | 5 | 9 |

Do not add letters before each table question or else it will be skipped:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Very Dissatisfied  1 | 2 | 3 | 4 | Very Satisfied 5 | DK/NA/NR |
| a)Affordable housing | 1 | 2 | 3 | 4 | 5 | 9 |
| b) Business licensing | 1 | 2 | 3 | 4 | 5 | 9 |

Letters will be added to each table question, in the order they appear in the document

The column names of tables must not be empty (except the first column):

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Very Dissatisfied  1 |  |  |  | Very Satisfied 5 | DK/NA/NR |
| Affordable housing | 1 | 2 | 3 | 4 | 5 | 9 |
| Business licensing | 1 | 2 | 3 | 4 | 5 | 9 |
| Tourism | 1 | 2 | 3 | 4 | 5 | 9 |
| Arts and culture | 1 | 2 | 3 | 4 | 5 | 9 |

Note tables with subsections are not currently supported, eg:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | *Very Dissatisfied* | *2* | *3* | *4* | *Very Satisfied* | *DK/ NA/NR* |
| **SUBSECTION 1** | | | | | | |
| Question 1 | 1 | 2 | 3 | 4 | 5 | 9 |
| Question 2 | 1 | 2 | 3 | 4 | 5 | 9 |
| Question 3 | 1 | 2 | 3 | 4 | 5 | 9 |
| **SUBSECTION 2** | | | | | | |
| Question 1 | 1 | 2 | 3 | 4 | 5 | 9 |

Do not format codes as tables:

**Q1. Are you 18 years or older?**

|  |  |
| --- | --- |
| ❍ 1 | Yes |
| ❍ 2 | No |

If you right click and inspect the codes above, you'll see that its part of a table. Tables should only be used for table questions like the other examples above.

Or:

* Other, please self-describe:

|  |
| --- |
|  |

Should be written as:

* Other, please self-describe:

# How to run

* In the project folder, type "cmd" into the address bar to open up the command prompt in the current folder location:

A screenshot of a computer

Description automatically generated with medium confidence

* Enter the following command: Parser.py, then enter the **full** file path to your questionnaire doc

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Description automatically generated with low confidence

* If you followed the template as instructed, the program will produce code found in **output/survey.txt** and **output/table\_groups.txt**
* Survey.txt contains regular callweb code while table\_groups.txt contains code for table groups such as:

#Group GRP\_Q6 = Q6\_A - Q6\_A

#Table GRP\_Q6 = Q6\_A - Q6\_A

* Place the code in table\_groups.txt underneath the ## Tables line in your .scw file
* Place the other code underneath the ## Survey Proper line in your .scw file