ReformatSDG

The purpose of this application is to reformat the two output tables produced by ChaptSDG into a single table, combining the table by sex with the table by residence, ordered by SDG indicator.

The application ReformatSDG is purely processing the text in the rtf file and recombining the pieces of text to produce a single table. The application identifies several pieces of text, including the tables:

1. Header table with date
2. Table by sex
3. Table by residence

The goals:

1. Header table with date
2. No poverty (by residence)
3. Zero hunger (by sex)
4. Good health and well-being (by sex)
5. Quality education (by sex)
6. Gender equality (by sex)
7. Clean water and sanitation (by residence)
8. Affordable clean energy (by residence)
9. Decent work and economic growth (by sex)
10. Partnerships for the goals (by sex)

The headers (indexed as for the tables above).

The lines for each goal.

The application reads the whole RTF file into memory, and then processes that file in memory, before producing a reformatted copy and writing that out into a new RTF file.

The ReformatSDG application automatically reads from ChaptSDG.rtf, and writes to ChaptSDG\_mm-dd-yyyy\_reformat.rtf. where mm-dd-yyyy is the date the file was reformatted. The output file name can be changed in the application if needed.

There are two issues with the RTF files:

1. RTF files are ANSI files with no byte order marks, but CSPro only reads Unicode files (with byte order marks), so CSPro converts the input file to be a Unicode file (yes, it changes the input). This means that you cannot open the rtf file directly in Word after running it through ReformatSDG. To change the input file back to an ANSI file, open the file in Notepad (not Notepad++) and then select File, Save As, and change the encoding to ANSI, and save the file (you can use the same name).
2. The output files written by CSPro are also Unicode files with byte order marks. These files need to be converted to ANSI to be able to open the file in Word, in the same way as above (see example below):

A black screen with white lines

Description automatically generated

If you receive a message similar to the message below when trying to open the rtf file in Word, then the file is Unicode and you need to use Notepad to convert it ANSI.

A screenshot of a computer

Description automatically generated

Note that if you are only using English letters and are not using any accented characters such as in French, Portuguese, Spanish, Russian, etc., then you can also change the encoding of the rtf file using Notepad++, changing it to ANSI. However, this does not work with accented characters or non-Latin characters, and you should use the encoding conversion in Notepad instead of Notepad++.

Some countries may use a different residence variable (e.g. Ensemble urban, Capital, Autre urban, Rural). The recommendation would be to use just Urban and Rural for the SDG table even if the 3 or 4 categories are used in other tables, but if 3 or 4 groups are to be used in the SDG table, then also create 1 or 2 extra categories for the sex characteristic too in ChaptSDG. Make sure that the extra columns are output for the sex table. Then change the variable cols in ReformatSDG to be 6 or 7 (depending on the number of columns added), rather than the default of 5. This should then permit the combination of the sex and the residence tables into one SDG table.