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**TBX Converter App**

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**Introduction**

With the revision of the TBX standard under ISO 30042, all TBX files and the subsequent dialects have undergone revisions to their syntax. The Converter App aims to convert all of the supported TBX dialects (TBX-Default, TBX-Basic, and TBX-Min), as well as any other user-maintained dialects that use structural elements common to the standard dialects.

**Purpose**

To convert TBX files into the new standard as defined by ISO 30042.

**How to Read a .tbx file:**

Should the user need to edit the information of the .tbx file, a basic knowledge of how an XML file works will be of use to the user. XML allows for information to be stored in an established format, and information is stored in tags that occur throughout the file. A tag defines the scope of an element contained within the tag. For example:

<termSec>

<term>dog</term>

<partOfSpeech>noun</partOfSpeech>

</termSec >

Here, the element “dog” fits in the bigger scope of the <term> tag, and the indentation shows that the <term> tag is within the scope of the <termgGroup> tag. The tag <partOfSpeech> is another tag within the scope of < termSec>, and contains its own element, “noun.”

**How the Program Works**

1. Upload a .tbx or .tbxm file from your computer.
2. The App will automatically detect if the file is a TBX-Min, TBX-Basic, or TBX-Default file by the <!DOCTYPE> declaration (or the lack thereof).
3. The App will then parse through the file modifying the necessary elements/element values where necessary. For a list of what changes will be made, please see the Summary of Structural Changes document on the <http://tbxinfo-c.byuling.net> website.
4. The program will then return the file in the same format in which the user uploaded it.

**Command Line Instructions**

1. Open the command prompt and change the directory to where the app is located with the “cd” command.

1. The syntax for executing the program is

perl <perlscript> <file> <option1>

option 1 is “–s” to run the program silently

1. After the program has parsed the file, the user will then be prompted to save the results to their computer by entering yes(y) or no(n).