**V 0.1 April 18, 2017**

**TBX Converter App**

**Table of Contents**

**Introduction**

**Purpose**

**How to read a .tbx file**

**How the Program Works**

**Command Line Instructions**

**Introduction**

With the release of the new standard for TBX files, all .tbx files and the subsequent dialects have gone revisions to their format and this all aims to be a converter for all of the supported TBX dialects (TBX-Default, TBX-Basic, and TBX-Min).

**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. Indicate in appropriate field what dialect you wish to convert.
3. The App will then parse through the file and change tags and add the necessary attributes/attribute values where necessary. For a list of what changes were 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> <filelocation> <option1>

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