Help.DataConv

NAME

`DataConv` is used to convert a file format among JSON, XML, CSV.

SYNOPSYS

Parameter

Operation

- Supports CSV-to-TSV, CSV-to-_SV, JSON-to-XML, XML-to-JSON
- csv2tsv: converts CSV to TSV (Tab-separated values) format
- csv2_sv: converts CSV to a character separated values which you specify as 'Target separator'
- json2xml / xml2json: converts JSON to XML format or vice versa

Source File

- A source file to be converted

Target File

- Target file to save the converted file

Options

Target separator

- A single character to be used as separator

File Encoding

- File encoding type of source file.
- Default: utf8

> ※ **NOTE**
> In case of UTF8, the encoding of a source file must be `UTF-8 without BOM (Byte Order Mark)`. `Windows Notepad` saves files as ANSI by default. Even though you select UTF-8 in Notepad, it saves as `UTF-8 with BOM`. It's a good idea to use the 3rd party editor that supports `UTF-8 without BOM` , such like Notepad++, Sublime Text.

Examples

EX1. CSV-to-TSV

Paramaters

Parameters\Options	Values
Operation	csv2tsv
Source File	C:\1.MyUtils\TestRun\TestRun\csv_sample.csv
Target File	C:\1.MyUtils\TestRun\TestResult\csv2tsv.txt

Results

(1) source file

```
id,first_name,last_name,email
1,Jillene,Ashness,jashness0@cisco.com
2,Briney,Lightbourne,blightbourne1@slate.com
3,Letti,Cayzer,lcayzer2@utexas.edu
4,Abramo,Gerrelts,agerrelts3@people.com.cn
5,Kaitlynn,Sussex,ksussex4@wsj.com
```

(2) results

```
id      first_name      last_name       email
1       Jillene Ashness jashness0@cisco.com
2       Briney  Lightbourne     blightbourne1@slate.com
3       Letti   Cayzer  lcayzer2@utexas.edu
4       Abramo  Gerrelts        agerrelts3@people.com.cn
5       Kaitlynn        Sussex  ksussex4@wsj.com
```

EX2. CSV-to-_SV

Paramaters

Parameters\Options	Values
Operation	csv2_sv
Source File	C:\1.MyUtils\TestRun\TestRun\csv_sample.csv
Target File	C:\1.MyUtils\TestRun\TestResult\csv2_sv.txt
Target separator	*

Results

(1) source file

```
id,first_name,last_name,email
1,Jillene,Ashness,jashness0@cisco.com
2,Briney,Lightbourne,blightbourne1@slate.com
3,Letti,Cayzer,lcayzer2@utexas.edu
4,Abramo,Gerrelts,agerrelts3@people.com.cn
5,Kaitlynn,Sussex,ksussex4@wsj.com
```

(2) results

```
id*first_name*last_name*email
1*Jillene*Ashness*jashness0@cisco.com
2*Briney*Lightbourne*blightbourne1@slate.com
3*Letti*Cayzer*lcayzer2@utexas.edu
4*Abramo*Gerrelts*agerrelts3@people.com.cn
5*Kaitlynn*Sussex*ksussex4@wsj.com
```

EX3. JSON-to-XML

Paramaters

Parameters\Options	Values
Operation	json2xml
Source File	C:\1.MyUtils\TestRun\TestRun\json_sample.csv
Target File	C:\1.MyUtils\TestRun\TestResult\results.xml

Results

(1) source file

```
{
    "glossary": {
        "title": "example glossary",
                "GlossDiv": {
            "title": "S",
                        "GlossList": {
                "GlossEntry": {
                    "ID": "SGML",
                                            "SortAs": "SGML",
                                            "GlossTerm": "Standard Generalized
Markup Language",
                                            "Acronym": "SGML",
                                            "Abbrev": "ISO 8879:1986",
                                            "GlossDef": {
                                "para": "A meta-markup language, used to create
markup languages such as DocBook.",
                                                        "GlossSeeAlso": ["GML",
"XML"]
                    },
                                            "GlossSee": "markup"
                }
            }
        }
    }
}
```

(2) results

```
<?xml version="1.0" encoding="utf-8"?>
<glossary>
        <title>example glossary</title>
        <GlossDiv>
                <title>S</title>
                <GlossList>
                        <GlossEntry>
                                <ID>SGML</ID>
                                <SortAs>SGML</SortAs>
                                <GlossTerm>Standard Generalized Markup
Language</GlossTerm>
                                <Acronym>SGML</Acronym>
                                <Abbrev>ISO 8879:1986</Abbrev>
                                <GlossDef>
                                        <para>A meta-markup language, used
to create markup languages such as DocBook.</para>
                                        <GlossSeeAlso>GML</GlossSeeAlso>
                                        <GlossSeeAlso>XML</GlossSeeAlso>
                                </GlossDef>
                                <GlossSee>markup</GlossSee>
                        </GlossEntry>
                </GlossList>
        </GlossDiv>
</glossary>
```

EX4. XML-to-JSON

Paramaters

Parameters\Options	Values
Operation	xml2json
Source File	C:\1.MyUtils\TestRun\TestRun\xml_sample.csv
Target File	C:\1.MyUtils\TestRun\TestResult\results.json

Results

(1) source

```
<?xml version="1.0" encoding="utf-8"?>
<glossary>
        <title>example glossary</title>
        <GlossDiv>
                <title>S</title>
                <GlossList>
                        <GlossEntry>
                                <ID>SGML</ID>
                                <SortAs>SGML</SortAs>
                                <GlossTerm>Standard Generalized Markup
Language</GlossTerm>
                                <Acronym>SGML</Acronym>
                                <Abbrev>ISO 8879:1986</Abbrev>
```

```
                                    <GlossDef>
                                            <para>A meta-markup language, used
to create markup languages such as DocBook.</para>
                                            <GlossSeeAlso>GML</GlossSeeAlso>
                                            <GlossSeeAlso>XML</GlossSeeAlso>
                                    </GlossDef>
                                    <GlossSee>markup</GlossSee>
                            </GlossEntry>
                    </GlossList>
            </GlossDiv>
</glossary>
```

(2) results

```
{
    "glossary": {
        "title": "example glossary",
        "GlossDiv": {
            "title": "S",
            "GlossList": {
                "GlossEntry": {
                    "ID": "SGML",
                    "SortAs": "SGML",
                    "GlossTerm": "Standard Generalized Markup Language",
                    "Acronym": "SGML",
                    "Abbrev": "ISO 8879:1986",
                    "GlossDef": {
                        "para": "A meta-markup language, used to create
markup languages such as DocBook.",
                        "GlossSeeAlso": [
                            "GML",
                            "XML"
                        ]
                    },
                    "GlossSee": "markup"
                }
            }
        }
    }
}
```

PLATFORM

Here is the supported platform for this plugin.

- This plugin support Windows 10 and above.
- This plugin support Linux (Ubuntu).
- This plugin support Mac.

Version

1.515.1506

Limitation

SEE ALSO

LICENSE