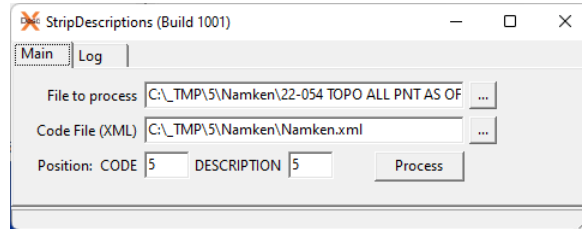


StripDescriptions

ms@igage.com 7/20/2022

A simple tool for stripping description comments from X-PAD generated CSV files.



1

Distribution

Visit this web folder:

<https://iggps.com/out/X-PAD/utilities/StripDescriptions/index.htm>

The code-signed executable can be downloaded directly.

Thesis

When CODE's are used in X-PAD, the CODE Description which is defined is preloaded into the resulting point's description. If the surveyor sets a description, either from the point entry dialog or by using the '?' after the CODE, the canned description will not be included in the exported file (desired). Points acquired without overriding the Description will have the canned description from the CODE definition. This tool strips the unwanted descriptions.

This tool uses the matching .XML file to parse the exported CSV text file and remove the duplicate descriptions. The .XML file needs to match the .XML file that was in use when the data was collected.

Example

Running this file:

```
1461,10191868.566,3821942.021,249.039,NG Natural Ground,03-06-2022,09:38:28
1457,10192062.632,3821873.372,249.673,WV WATER VALVE,03-06-2022,10:22:06
1456,10192096.902,3821956.090,247.188,EC EDGE OF CONCRETE,03-06-2022,10:28:51
1452,10192097.737,3821941.196,246.719,RCP REINFORCED CONC PIPE,03-06-2022,11:12:29
1450,10192093.640,3821876.181,244.909,CONC CONCRETE SPOT ELEVATION,03-06-2022,11:14:21
1445,10192103.795,3821897.981,249.675,SSMH SANITARY SEWER MANHOLE,03-06-2022,11:22:11
1334,10191388.782,3822126.545,252.999,GPSHUB GPSHUB,03-06-2022,14:12:15
1332,10192120.129,3821962.312,250.106,CK / @CK1 061522,03-06-2022,14:13:03
```

Will produce this simplified output file:

```
1461,10191868.566,3821942.021,249.039,NG,03-06-2022,09:38:28
1457,10192062.632,3821873.372,249.673,WV,03-06-2022,10:22:06
1456,10192096.902,3821956.090,247.188,EC,03-06-2022,10:28:51
1452,10192097.737,3821941.196,246.719,RCP,03-06-2022,11:12:29
1450,10192093.640,3821876.181,244.909,CONC,03-06-2022,11:14:21
1445,10192103.795,3821897.981,249.675,SSMH,03-06-2022,11:22:11
1334,10191388.782,3822126.545,252.999,GPSHUB,03-06-2022,14:12:15
1332,10192120.129,3821962.312,250.106,CK / @CK1 061522,03-06-2022,14:13:03
```

Notes:

Any line with a '/' (space followed by a forward slash) will not be changed as it is interpreted as a Carlson Field to Finish escape code.

Deployment and Use

The tool is distributed as a single .EXE file. There is no installer. It is intended that you drop the tool on your computer desktop.

The first time you use StripDescriptions, start it by double-clicking the icon. Choose the CSV file to process and the .XML code file to process it against. Click **Process** to process the input file. An output file with an underscore character (“_”) prepended to the filename will be created in the same folder as the input file.

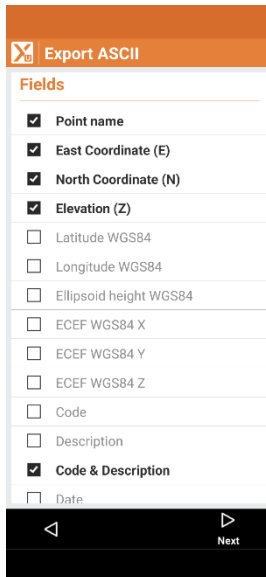
Close the tool by clicking the X in the upper corner.

You can make the tool larger to better view the log if needed.

Once the .XML Code file has been specified you can convert a file, with the previously specified .XML Code file by simply dropping it onto the desktop icon. The file will be converted and then the tool will close.

There are two position values, CODE and DESCRIPTION. These are the comma delimited token locations where the CODE and POSITION should be expected.

If you use an export definition like this:

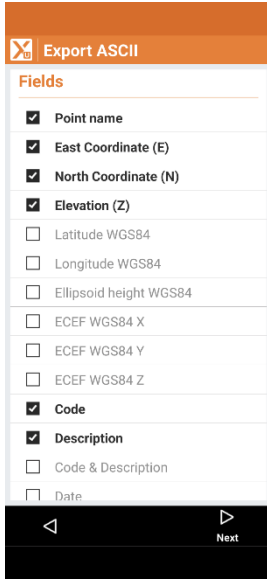


Then the exported line will look like:

1	2	3	4	5	6	7
1461,	10191868.566,	3821942.021,	249.039,	NG Natural Ground,	03-06-2022,	09:38:28

And both the CODE and DESCRIPTION will be contained in token #5.

If you use an export definition like this:



Then the exported line will look like:

1 2 3 4 5 6 7 8
1461,10191868.566,3821942.021,249.039,**NG,Natural Ground**,03-06-2022,09:38:28

The CODE position is 5 and the DESCRIPTION position is 6.