

Using the Tiger File Manager, Version 2.0

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The Tiger File Manager allows converting one or more TIGER/Line files into network files required for the network-based generator of moving objects. TIGER/Line files can (e.g.) be downloaded from <http://www.census.gov/geo/www/tiger/tgrcd108/tgr108cd.html>

The Tiger File Manager is a Java2 program; it requires the generator21.jar file. As an optional argument a standard path can be defined, e.g.:

```
java -classpath .;generator21.jar tiger.TigerFileManager C:\\
```

Usage

System / Read Tiger File

Selection and reading of a Record Type 1 File. It can be read directly (suffix .rt1) or from a zip file (suffix .zip); in the second case, the program assumes that the rt1-file is the first file in the zip file. This command can be repeated several times, if the resulting file should consist of several TIGER/Line files. At the first call (after program start or writing of the network files), the two network files with the same base name as the TIGER/Line file are prepared.

System / Write Network Files

Completes the network files and deletes the network from main memory.

System / Delete Network

Deletes the network from main memory. The prepared network files are not removed; that should be done manually.

Edit / Set Feature Class

TIGER/Line files consist of lines of different feature classes. By default, the Tiger File Manager extract records with a class that starts with 'A' (= roads). This can be changed by this command. More specific feature classes (e.g., 'A1' for primary highways) or other feature classes ('B' = railways, 'H' = hydrography) can be extracted.

Source Code

The source code is provided in the directory 'tiger'.