## Instruction to temporal compression

(1) Go to EntryTable.sh and set input parameters and output parameters

Input parameters:

nodeFile, edgeFile, geoFile: file of road network.

Output parameters:

edge2entryFile

(2) Go to TCoding.sh and set input parameters and output parameters

Input parameters:

nodeFile, edgeFile, geoFile: file of road network.

entryTable: file from EntryTable.sh's output.

connFile: file of connected and continuous tracks that have been mapped to the road network.

The format is as follows:

Output parameters:

tcodingFile: custom file address of temporal compression

(3) Go to TRatio.sh and set input parameters and output parameters

Input parameters:

formatFile: file that have processed by MapMatch. The format is as follows:

time latitude longitude edge\_id

tcodingFile: file from TCoding.sh's output

Output parameters:

ratioFile: file of temporal compression ratio

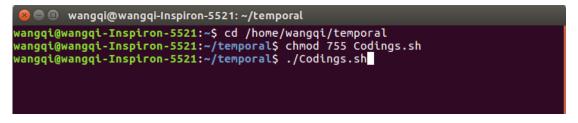
(4) Go to Codings.sh and execution code.

Execution environment: Linux using g++ complier.

Execution command:

Chmod 755 Codings.sh

./Codings.sh



Compression result example:

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