



Routing J Server Canada Data Update 2012.12 Release Notes

This document provides information about the Routing J Server driving and pedestrian data; the source and vintage of the data, a list of included files, installation instructions, and information about the various file types that comprise this data product.

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Data Source and Vintage

Routing J Server data is based on data from TomTom MultiNet Canada.

Data Pack Version 2012.12 (December 2012)

Note: Pedestrian (walking) data is released semi-annually (Routing J Server versions 201x.03 and 201x.09), while driving data is released quarterly.

Significantly more maneuver data with new maneuver types were used in this routing version. A new maneuver structure has been added; a street segment that turns onto itself indicating a No U-Turn.

No changes to road types have been made, though many roads in the data have had their Functional Road classification or Form changed, resulting in different Road Type assignment from previous versions.

Installing Routing Data

The data CD contains both the driving and walking data for Routing J Server. Each dataset has its own set of nested folders, both using the same folder structure. When copying data, copy the contents of the data CD and preserve the directory structure of the CD. You may copy only the Driving data folder, only the Pedestrian data folder, or both folders, provided you maintain the same directory structure as on the CD. The datasets cannot be copied into one directory; each dataset must be kept in its own directory. Routing J Server is a file reading intensive service. To enhance performance, we recommend installing data on a separate, stand-alone hard drive.

Routing Data

There are two sets of data files; one set for Driving data and another for Pedestrian data.

Note: The data can be used by the 3.2 and 3.3 engines.

File Types

Each dataset contains the following types of files:

Type	Extension	Description
Street Name file	.st	Contains a list of all the street names for the dataset.
Map file	.rmf	Contains the data associated with arcs and nodes in the dataset.
Index file	.mnd or .rnd	An index into the map file. An index has an ".mnd" extension if it is part of the minor road network and an ".rnd" extension if it is a RAM map. Each dataset must contain at least one index file with an ".rnd" extension.
Road Type Defaults file	.rtd	Contains the default speeds for each road type. Each dataset must contain this file.
Dataset Descriptor file	.xml	Contains information about the dataset. Must conform to the DatasetDescriptor.xml.