MultiNet-R

Delivering easy to compile maps and incremental updates

Overview

Location is highly relevant to the things we do and use every day. As technology advances and map users demand in-the-moment information, it is critically important that the map reflects reality. TomTom delivers this map freshness via MultiNet-R.

Known as the next generation of MultiNet, MultiNet-R integrates all the high-quality content layers of the TomTom map database in a single, integrated and easy to use relational database model. This open, reliable, and flexible delivery model makes MultiNet-R the premium solution to fuel spatial databases required for a wide range of Automotive and Enterprise applications. Designed and built to support the most current maps available, MultiNet-R delivers all updates from the industry leading TomTom 'real time' mapmaking engine with minimal lag. MultiNet-R customers can retrieve the actual version of the TomTom map as a complete map database or synchronize through an incremental update package on a weekly basis.

Features

All content integrated in a single relational model Seamless global coverage	Enables efficient and global data implementation
Machine readable spec Loader tools Stable feature IDs	Supports fluent data intake and process automation
Weekly releases Incremental update packages	Delivers the most up-to-date maps

End-user benefits

TomTom MultiNet-R enables users to:

- Access the most up-to-date map globally
- Choose the frequency of updates to meet their needs
- Select specific geographies requiring a refresh or take entire globe
- Complement the core map with products that enhance the user experience

MultiNet-R content

All advanced navigable, basic navigable, and basic routing and display geographies are available in MultiNet-R format. See map coverage sheets for more information.

The following map enhancement products are available as integrated MultiNet-R modules:

- Address Points
- ADAS Map
- ADAS Map with Signs Package
- Buildings
- Junction Views
- Logistics
- Points of Interest
- Speed Profiles
- Voice Maps

And, the following map enhancement products are included in the core MultiNet-R module:

- Administrative Areas
- Locality Index
- Post

Sample applications

Some sample use cases for TomTom MultiNet-R include:

- Powering a location-based services application Integrated in automotive navigation systems
- Providing the location awareness to enable geo-marketing, business intelligence, etc.
- Powering fleet and logistics software

Product formats

TomTom Multinet-R is delivered as Apache Avro files with a toolset that supports load to the following databases:

- PostgreSQL
- Microsoft SQL Server
- SQLite

This database loader toolset supports:

- Merge and load multiple modules or a selection thereof
- Merge or clip geographical zones
- Output as new Avro or CSV file after merge or clip operation

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