Fontus City Models

Fontus Ltd's (www.fontus.com) technology and process knowledge enable cost efficient and intelligent 3D Maps for Internet, Wireless Applications and 3D-games.

Fontus key technology is its DDL (District Description Language) an object-oriented architecture, which provides conceptual as well as geometrical representations of the environment. This makes Fontus models eminently suitable for developing many kinds of software with modern object oriented tools and methods. Objects can be exported to different file formats e.g. in VRML97 with LOD and 3DStudioMax formats with or without facades and details.

Models for 3D-games

Fontus models are made particularly for 3d-map applications but they are also excellent for 3D games. Objects can be exported to different file formats considering special requirements of gaming.

Facades are 3d-object models with geometric presentation; facades are not drawn using raster images.

If raster images are used for presenting facades, basic Fontus model is (without geometric 3d facades) an excellent background for raster maps.

City models are divided in individual "lumps" (blocks, parks, street or water areas). Every lump has information of its name, location, base point and bounding box.

Models owned by Fontus

Helsinki model covers about 20 square kilometers including over 600 city blocks and parks.

London models covers about 1 square kilometer of central London around Oxford Street.

Tokyo pilot model is about 1.5 square kilometers including Marunouchi and Otemachi areas.

Tokyo/ Toranomon model was made using existing 2d-digital map data and 3d-point data and it covers about 3 square kilometers south of Tokyo center.

Bremen (Germany) model includes blocks around old City Hall Square.

Kainuu models

Kainuu models are owned by Kajaani Telephone. The huge **Kainuu model** covers over 23.000 square kilometers of the province with all the roads, lakes, rivers and buildings.

Detailed models of Kainuu include models of Kuhmo and Kajaani city centers and Vuokatti skiing resort.

New models

Fontus can make both detailed models using new accurate 3d-mapping and models using existing 2d-maps and 3d-point data.

Demos

Animations and renderings can be viewed at www.fontus.com/ demos and http:/ / www.cityguide3d.com/

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