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Carmenta Map Builder 3.3

GENERAL

- End user desktop application for creating background maps for Carmenta Engine based systems.
- Maps created in Carmenta Map Builder can also be loaded in Carmenta Server for direct publishing as Open Geospatial Consortium (OGC) compliant map services.
- Provides ability to define comprehensive metadata such as title, abstract, responsible organisation and revision date for each map.
- All metadata can be defined in multiple languages.
- Fully configurable vector map visualisation – colours, symbols, line styles, patterns, texts etc. can all be modified. All visualisation changes are immediately reflected in the map preview.
- Easily define legends for all vector layers by geographically "picking" the features that should be included in the legend.
- Ability to define project-specific colour palettes to ensure that a consistent colour scheme is applied across all map layers.
- Automatically defines suitable maximum scales for added layers to ensure that the created maps have high performance.
- Project validation functionality automatically detects potential problems in map project, such as missing layer descriptions.
- Provides ability to test the map with all graphics renderers supported by Carmenta Engine.
- Maps can be previewed in Carmenta Explorer from any installed Carmenta Engine version.
- Map can be rotated to verify behaviour in moving map systems.
- Automatically notifies the user about changes to the underlying data sources and the corresponding effect on the map presentation.

SUPPORTED MAP FORMATS

- Comma-separated values (.csv)
- DTED [1]
- Esri Shape (.shp)
- Esri File Geodatabase [1]
- ECW
- GeoTIFF
- IHO S-57 [1]
- JPEG2000 (.jp2)
- MapInfo (.mif, .tab)
- MrSID
- OpenStreetMap (.osm, .o5m, .pbf) [1]

Map layers can also be added from existing map configuration files created in Carmenta Studio.

Additional input formats supported by Carmenta's geospatial technology can easily be added on request – contact Carmenta for more information.

SUPPORTED OUTPUT FORMATS

- Folder Output – copies geodata and Carmenta Engine configurations to a folder for easy distribution to target system.
- Windows Installer [1] – packages geodata and Carmenta Engine configuration into an MSI file for manual installation or automatic deployment.
- Map Package [1] – generates optimised, pre-rendered Carmenta Engine Map Packages from the source data.

SUPPORTED CARMENTA ENGINE VERSIONS

Carmenta Map Builder 3.3 maps can be used in Carmenta Engine 5.5 or later.

SYSTEM REQUIREMENTS

64-bit Microsoft Windows 7 and 10
.NET Framework 4.0 or later.

[1] Licensed separately

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