
Selection exporter

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Product Brief

Exporting data from Smallworld applications can be done in a number of ways. If a user wants to manually export a selection of objects, they can use the Selection exporter. Several export formats and selection options are available, like GeoJSON, KML, Shape etc.

Benefits

- Making inventory data more accessible to other systems and user groups by exporting data into well known formats.
- A simple user interface makes it easy to provide non-Smallworld users with limited sets of inventory data.

Use cases

- Exporting data from different project areas to Shape format for viewing in other GIS systems like QGIS.
- Providing a select set of data to users of Google Earth using KML/KMZ
- Extracting data within a project area for subcontractors to use.

Description

The Selection exporter dialog is available from the SWN file menu. From the Selection exporter dialog the user has several options for how to select which objects to export, and which file format to use. These options are shown in figure 1 to 3 below.

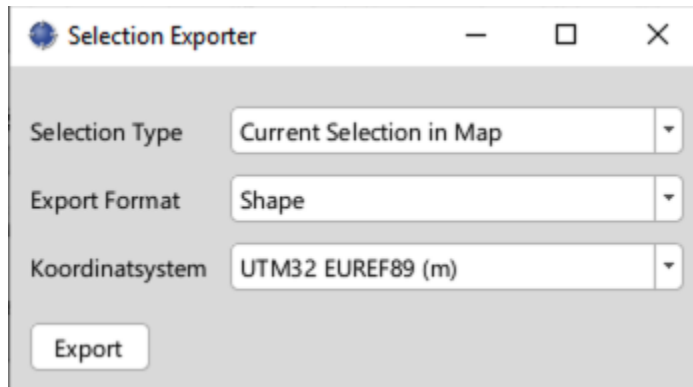


Figure 1. The Selection exporter dialog.

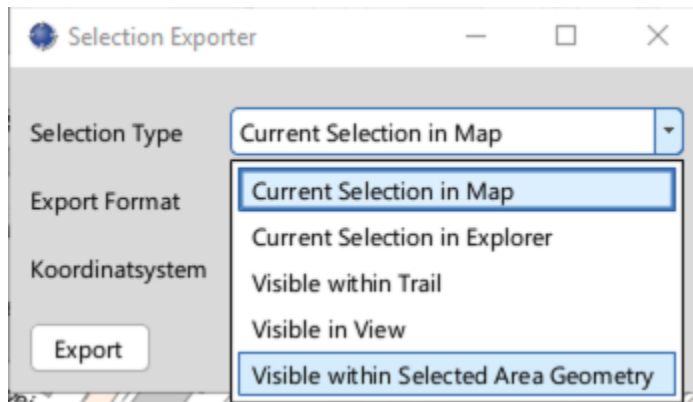


Figure 2. The available selection options.

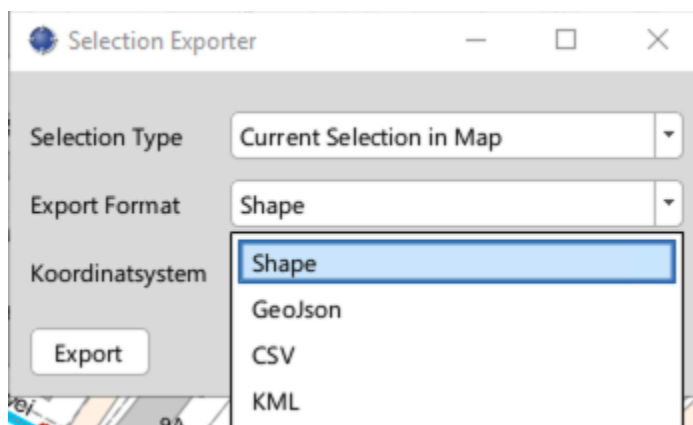


Figure 3. The available export format options.

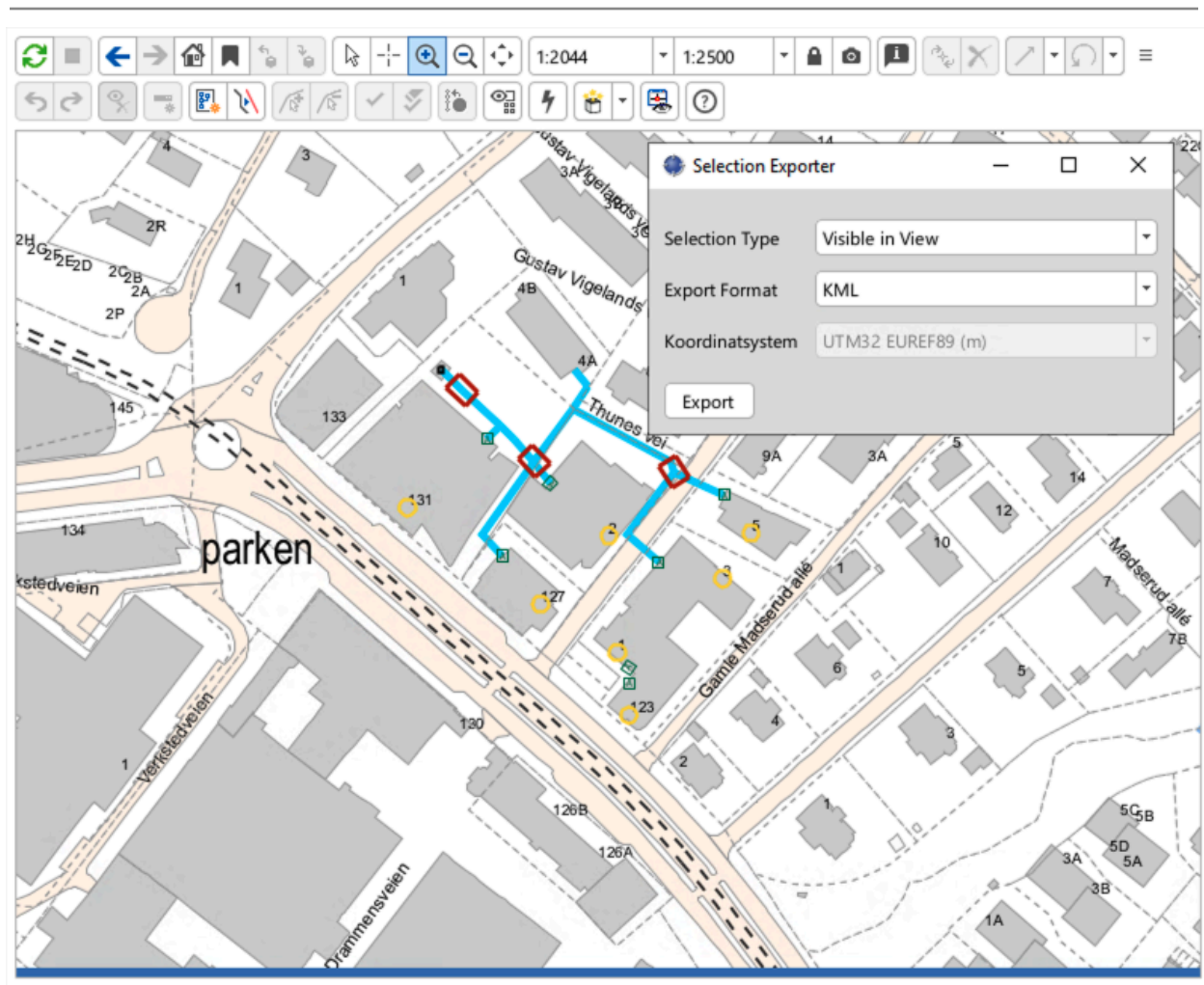


Figure 4. An example where data is exported within view bounds, to KML for use in Google Earth.

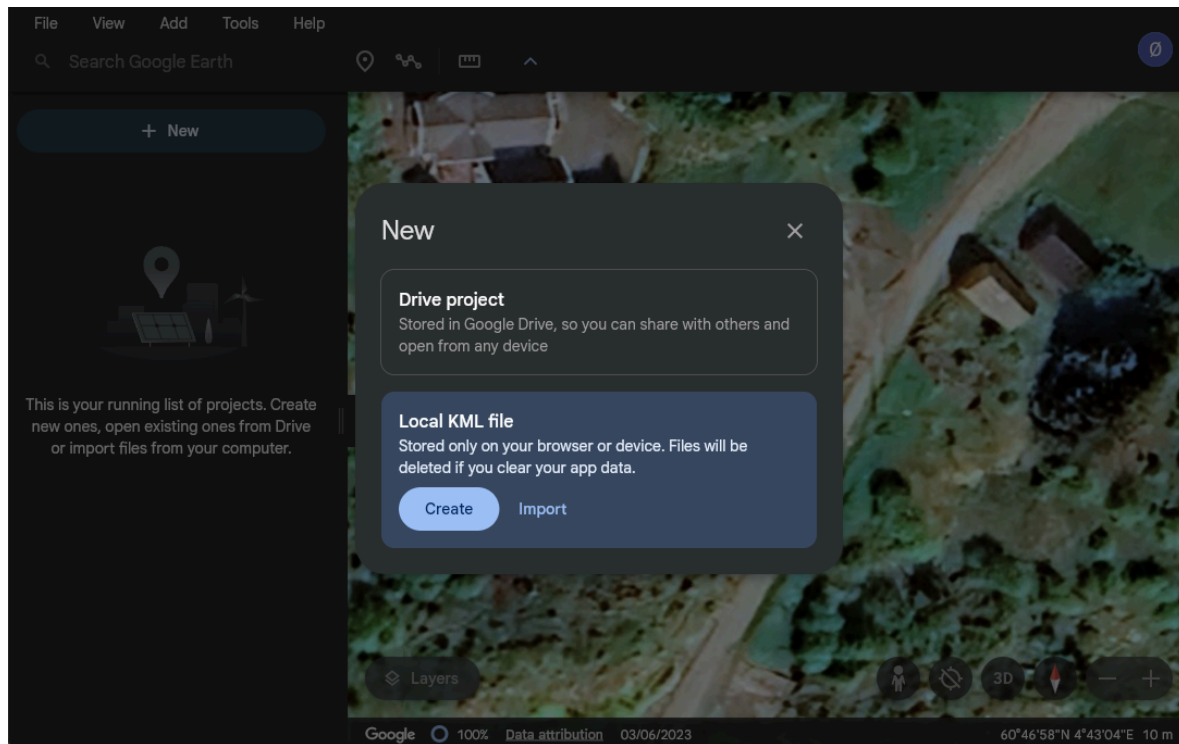


Figure 5. Loading KML files in Google Earth.

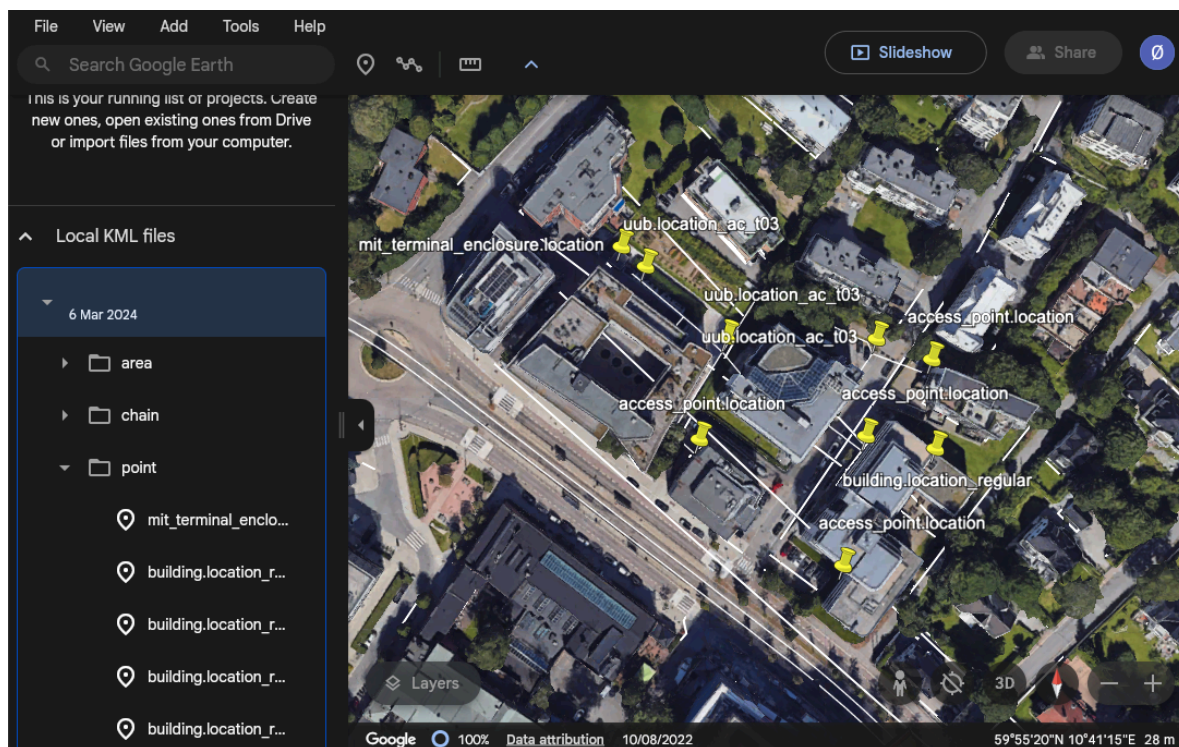


Figure 6. The exported Smallworld data shown in Google Earth.

Deployment

The Selection exporter is deployed as a Smallworld magik module when building the Smallworld client session.

System Requirements

Smallworld version 5.3.0 or newer is required.

Licensing

The Selection exporter is part of our code library and is included for all Smallworld customers without added cost.