

Optimized design of customized KML files*

Marianna Zichar

University of Debrecen

zichar.marianna@inf.unideb.hu

Abstract

The need of data visualization appears regularly in several disciplines. If the data has spatial component its visualization can be based upon it, so the need of using a simple but powerful tool for supporting the geovisualization is evident. There are several methods to create and represent such files, from which the usage of KML files are said to be the most popular [1]. Although the user interface of Google Earth (the native browser and producer of KML files) provides a number of tools for defining elements and saving them in kml or kmz format [2], these files cannot be regarded optimal. Several inconvenient situations could be avoided if the users followed simple guidelines and edited the generated files. This paper focuses on defining the main steps of reorganizing a KML file and provides designing instructions to get KML files with optimized structure.

Keywords: KML, customized content, geovisualization, Google Earth

MSC: 68U35, 68P20

References

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