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## Research based on the NewMap Web front-end geographic data visualization

**Lu Wenjuan and Li Chengming**

Chinese Academy of Surveying and Mapping, China

With the development of geographic information technology, geographic information means constantly enrich, spatiotemporal data show a trend of explosive growth. Traditional statistical charts cannot show spatial information of data, so mining the location-information of the data is done. It is very meaningful to the user see the spatial distribution and regularity of geographical objects. The article is based on the research of Web front-end geographic data visualization techniques and graphics rendering techniques Canvas and then combines with our own research and development NewMap software, packages the thematic geographic data analysis visualization interface. The interface has commonality and expansibility, provides a new way of geographic data visualization for NewMap software, and has been successfully applied in intelligent city cloud information platform.

363072973@qq.com