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A Tag Cloud-Based Visualization for Geo-Referenced Text Information

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Abstract. Large amounts of geo-referenced text information such as messages from microblog websites are continuously becoming more popular. In this paper, we introduce a new visualization method based on tag clouds for geo-referenced text information. We process large amounts of geo-referenced text, using several visual metaphors including tag clouds, for the exploration of information on maps, instead of using just conventional cartographic approaches. The results show that this method can be useful for presentation and exploration of such geo-referenced text information.

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