

Proposal of Mobile Geotagging on Digital Audios for Sharing Information of Fieldwork

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Visual information with text and photos is the mainstream for sharing place-related information with mobile location-based service. The visual information, however, is unfamiliar and unsafely with fieldwork, especially in streets, because its graphical user interface compels outdoor users to input and read much text. We think that recording digital audios is hands-free and familiar with fieldwork. Most of the digital audios, however, are not related with maps, because methods of geo-tagged audios are not established.

We have developed a mobile application that provides functions of recording digital audio and supporting manual geo-tagged audios. Furthermore, we have evaluated methods for mobile geotagging with digital audios on points and routes of maps. We propose that our mobile application and methods for geotagging bring opportunities for sharing rich knowledge with place-related digital audio books and digital audio archives for fieldwork.

fig. A mobile application for making geotagged digital audios "Map image from Google Inc"

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