

Real-time Mapping System based on Internet

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ABSTRACT

With the rapid development of Internet, it is possible to map in the global range. However, the traditional Mapping method can't meet the need of this branch ,it is urgent to develop the internet based mapping system to solve these problems. Web GIS based on network database is provided , in which different users which have different powers can browse ,share and modify the spatial information. Moreover , thematic map and statistical map can be produced real-time on internet .On the one hand , spatial information can be modified on local machine ,On the other hand ,spatial information can be shared on internet by means of spatial database .In order to solve the data sharing , the distributed spatial database is present. Finally, a case study which is finished by LISMARS is discussed and it is found that is a workable method to map real-time on internet.