

Abstract

Dynamic Online Map Service Using SVG and XML

Track: New Technology and Technology Integration

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SVG is an open, standard, and XML-based graphic format able to handle vector graphic display and animation. This project assesses the use of SVG and XML in distributed GIS (DGIS) application. It relies on the above techniques to build an Internet map service that dynamically creates interactive maps in SVG in conjunction with XML data. The objective is to probe a new DGIS model that features interactivity, XML integration, client-side automation, and data reusability.

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