

Abstract

Online Feature Update Using the Java API for ArcSDE

Track: Database Design, Automation, and Management

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Analysis and visualization of GIS data over the Web is becoming a well-established paradigm with the increasing adoption both of ArcIMS and of services such MapCiti. Development and management of GIS data over the Web is much less advanced. This is mainly due to the workflow and security concerns that arise when undertaking data maintenance activities. This talk will explore Web applications and OGC standards-based interfaces for securely constructing, updating, and maintaining geospatial data, by making use of the Java API for ArcSDE. This paper will describe several implementations and the issues they have raised, in terms of ArcSDE development, workflow paradigms, and Web protocols.

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