Abstract

Developing a Data Replication Process for Diverse Databases

Track: Database Design, Automation, and Management

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NIMA maintains more than one working database, using different formats and different spatial areas of interest. Together with the ESRI Implementation Services, Safe Software developed a methodology to maintain a master copy of all the spatial features in a data repository.

Each working database is able to store their data in any format, coordinate system and schema that they require. Updates to the working database are translated to the master repository’s schema and reflected in the master. Each working database can pull updates from the master repository for their area of interest, in their schema.

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